

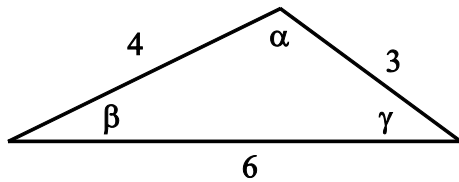
PRIPREMA ZA DRUGI ISPIT ZNANJA

Kut i trokut

6.razred

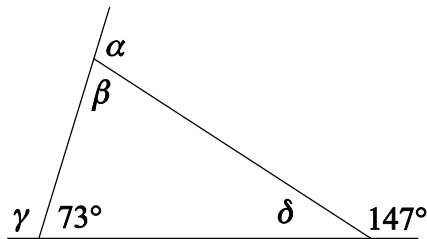
2. dio

1. Nacrtaj tupokutan trokut i označi mu vrhove, stranice i kutove.
2. Poredaj po veličini kutove trokuta.

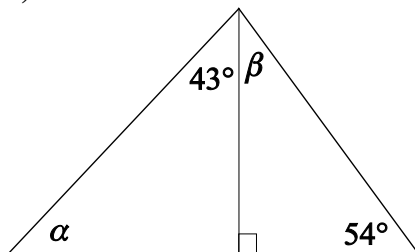


3. Koliko stupnjeva imaju α , β , γ i δ ?

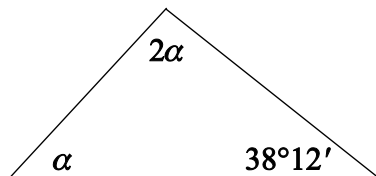
a)



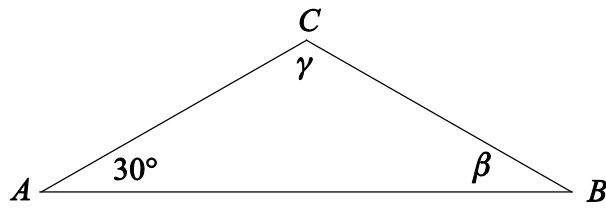
b)



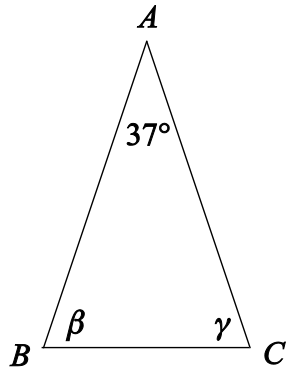
4. Odredi veličinu kuta α .



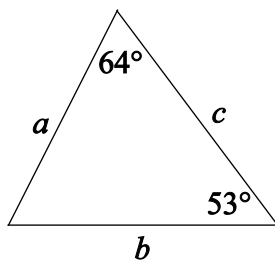
5. Odredi veličine nepoznatih kutova α , β i γ .
a)



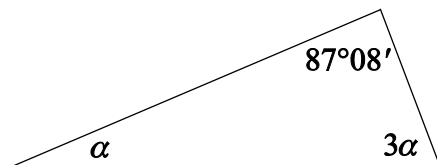
- b)



6. Poredaj po veličini stranice trokuta.

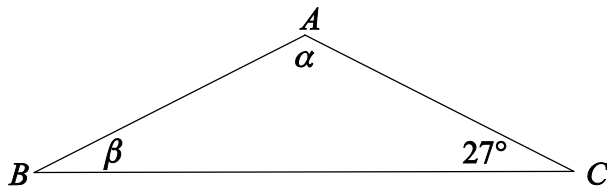


7. Odredi veličinu kuta α .

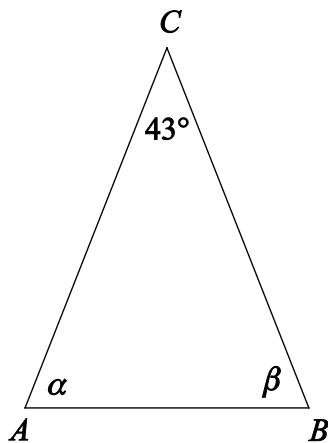


8. Odredi veličine nepoznatih kutova α i β .

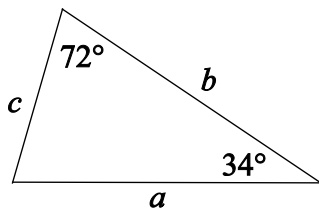
a)



b)



9. Poredaj po veličini stranice trokuta.



10. Konstruiraj kut od 45° .

11. Izračunaj površinu trokuta ako je duljina stranice $a = 5.7$ cm, a duljina njoj pripadne visine 6.8 cm.

12. Nacrtaj tupokutan trokut i konstruiraj simetrale dvaju njegovih kutova.

13. Izračunaj nepoznatu veličinu trokuta:

$$a = 3.8 \text{ cm}, \quad v_a = 4.2 \text{ cm}, \quad b = 4.8 \text{ cm}, \quad v_b = ?$$

14. Konstruiraj trokut zadan elementima:

$$c = 5 \text{ cm}, \quad \alpha = 60^\circ, \quad \beta = 90^\circ.$$

15. Konstruiraj trokut zadan elementima:

$$|AB| = 7.2 \text{ cm}, |AC| = 5.3 \text{ cm}, |\angle A| = 45^\circ. \text{ Nacrtaj dvije njegove visine.}$$

16. Konstruiraj kut od 90° .

17. Izračunaj površinu trokuta ako je duljina stranice $b = 6.9 \text{ cm}$, a duljina njoj pripadne visine 5.8 cm .

18. Nacrtaj šiljastokutan trokut i konstruiraj simetrale dvaju njegovih kutova.

19. Izračunaj nepoznatu veličinu trokuta:

$$b = 4.8 \text{ cm}, v_b = 4.2 \text{ cm}, a = 2.8 \text{ cm}, v_a = ?$$

20. Konstruiraj trokut zadan elementima:

$$c = 6 \text{ cm}, \alpha = 30^\circ, \beta = 120^\circ.$$

21. Konstruiraj trokut zadan elementima:

$$|AB| = 7 \text{ cm}, |BC| = 5.3 \text{ cm}, |\angle B| = 45^\circ. \text{ Nacrtaj dvije njegove visine.}$$