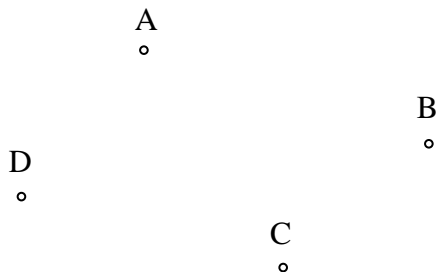


Preveri svoje znanje

(osnovni geometrijski pojmi in koti)

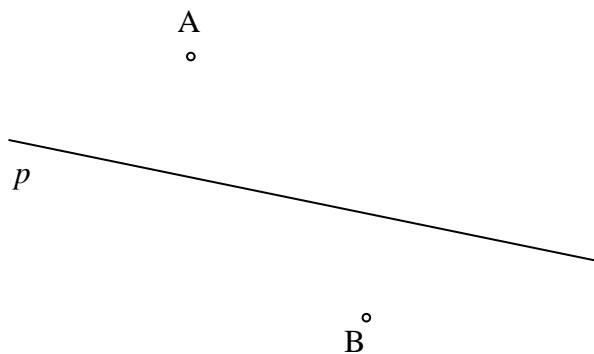
1. Na sliki so točke A, B, C in D.

- Nariši daljico AB.
- Skozi točki A in D nariši premico p .
- Nariši poltrak k z izhodiščem C tako, da bo veljalo: $A \in k$.



2. Skozi točko A nariši pravokotnico na premico p in jo poimenuj s . Skozi točko B nariši vzporednico t k premici p .

DOPOLNI:



$p \perp s$

$t \parallel p$

$A \in s$

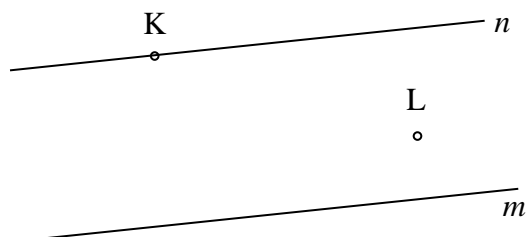
$B \in t$

3. Oglej si sliko in nariši, izmeri ter zapiši naslednje razdalje:

$d(K, L) =$ _____

$d(K, m) =$ _____

$d(K, n) =$ _____



4. Maja je zaspala ob 21.30, zjutraj se je zbudila ob 7.10. Koliko časa je spala ?

Odgovor :

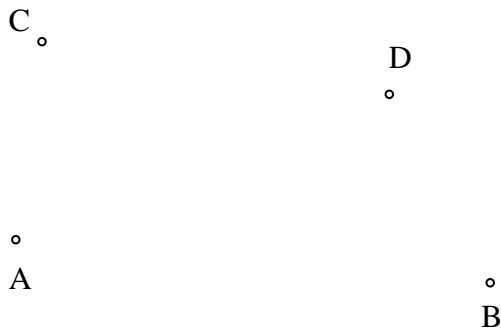
5. Nariši v eni sliki:

SLIKA:

- a) daljico AB , $|AB| = 3 \text{ cm}$,
- b) točko C , $C \notin AB$,
- c) premico p , $C \in p$ in $p \parallel AB$,
- č) premico f , $A \in f$ in $f \perp p$.

6. V ravnini so dane točke A, B, C in D. Nariši in pobarvaj kota:

$$\alpha = \sphericalangle CBA$$
$$\beta = \sphericalangle BDC$$



DOPOLNI:

Kot _____ je udrti, kot _____ je izbočeni.

7. Pretvori!

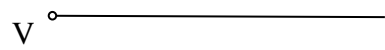
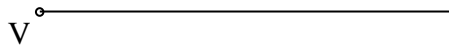
- a) $17^{\circ} = \underline{\hspace{1cm}}'$
- b) $24^{\circ} 32' = \underline{\hspace{1cm}}'$
- c) $1782' = \underline{\hspace{1cm}}^{\circ} \underline{\hspace{1cm}}'$

RAČUNI:

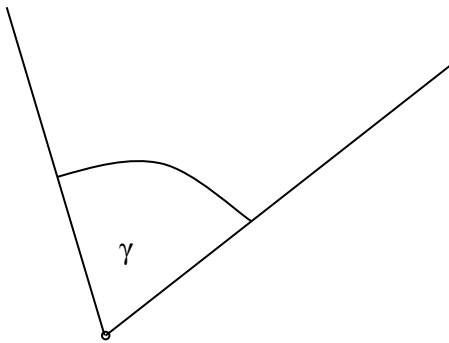
8. Nariši kota! Določi vrsto kota in zapiši na črto poleg kota! Upoštevaj narisana kraka!

$\alpha = 65^{\circ}$ _____

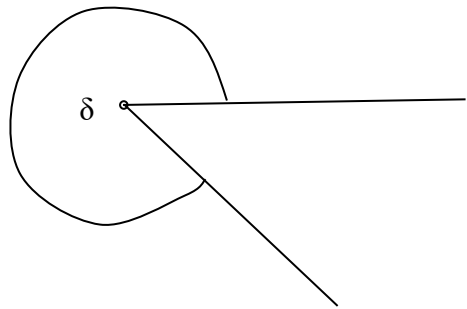
b) $\beta = 130^{\circ}$ _____



9. Izmeri kota γ in δ .



$\gamma =$ _____



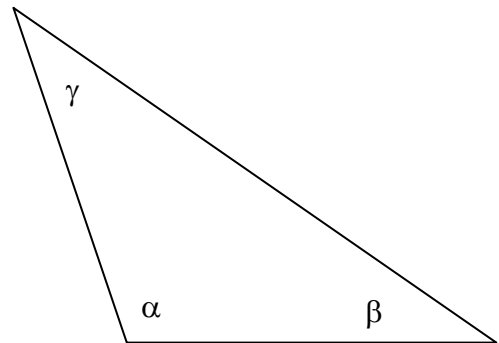
$\delta =$ _____

10. Izmeri in zapiši velikost kotov trikotnika na sliki.

$\alpha =$ _____

$\beta =$ _____

$\gamma =$ _____



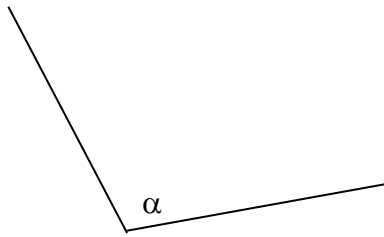
11. Izračunaj:

RAČUNI:

a) $89^{\circ} 33' + 18^{\circ} 49' =$ _____

b) $165^{\circ} 15' - 64^{\circ} 37' =$ _____

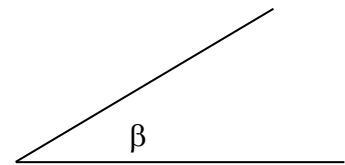
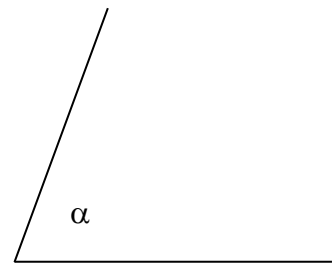
12. Kotu α nariši **skladen** kot β .



/ 3

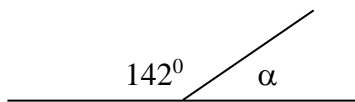
13. Dana sta kota α in β . Nariši s šestilom :

a) $\alpha + \beta$



14. **Izračunaj** neznane kote na skicah (**ne meri**, ker koti na skicah niso v pravi velikosti)!

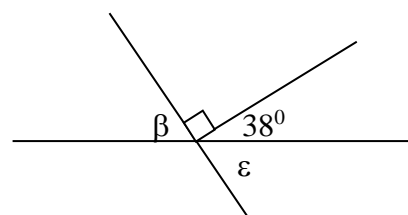
a)



Reševanje:

$\alpha =$ _____

b)



Reševanje:

$\beta =$ _____ , $\varepsilon =$ _____