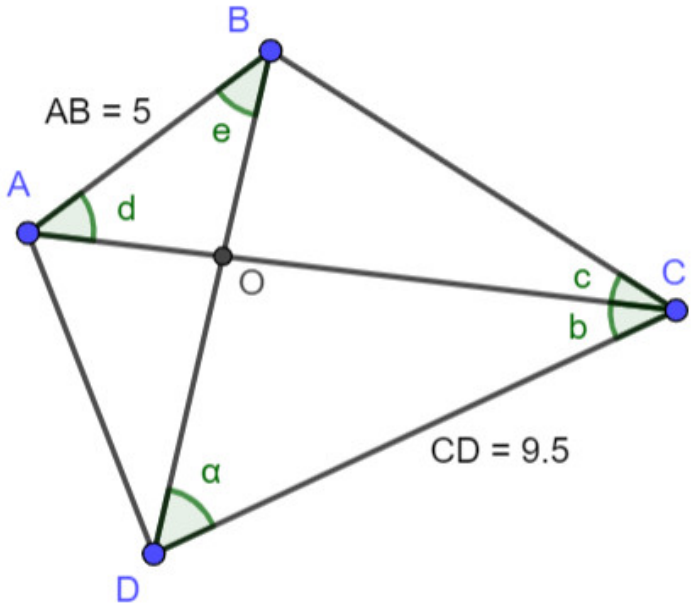
Exercise 1 Calc. : ✓

On considère le quadrilatère ABCD tel que :

$$CD = 9,5 \text{ km} ; AB = 5 \text{ km} ; \widehat{ODC} = \alpha = 51\text{ř} ;$$
$$\widehat{OCD} = b = 32\text{ř} ; \widehat{OAB} = d = 43\text{ř} ; \widehat{OBA} = e = 40\text{ř} ; \widehat{OCB} = c = 26\text{ř}.$$

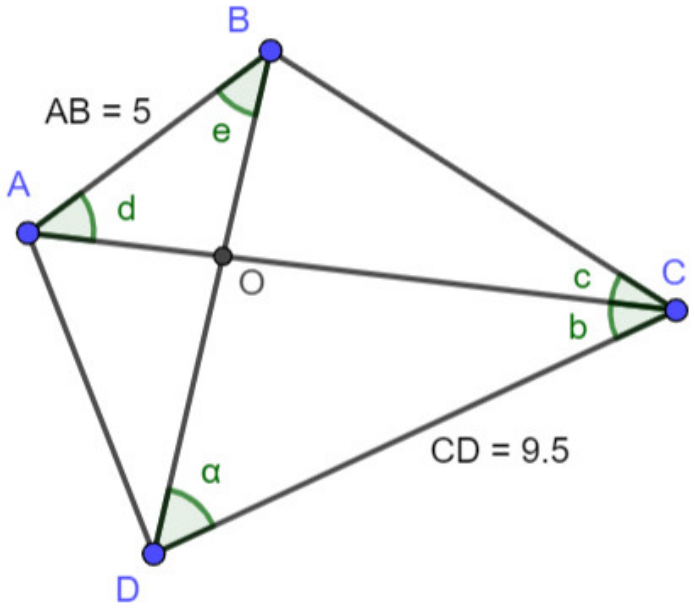


1. Calculer les distances OA et OC. — 6 marks
2. Calculer les distances AD et BC. — 4 marks
3. Calculer l'aire du triangle BOC. — 4 marks

Exercise 2 Calc. : ✓

Je dán tyúhelník ABCD a tyto hodnoty :

$$CD = 9,5 \text{ km} \; ; \; AB = 5 \text{ km} \; ; \; \widehat{ODC} = \alpha = 51\text{ř} \; ;$$
$$\widehat{OCD} = b = 32\text{ř} \; ; \; \widehat{OAB} = d = 43\text{ř} \; ; \; \widehat{OBA} = e = 40\text{ř} \; ; \; \widehat{OCB} = c = 26\text{ř}.$$

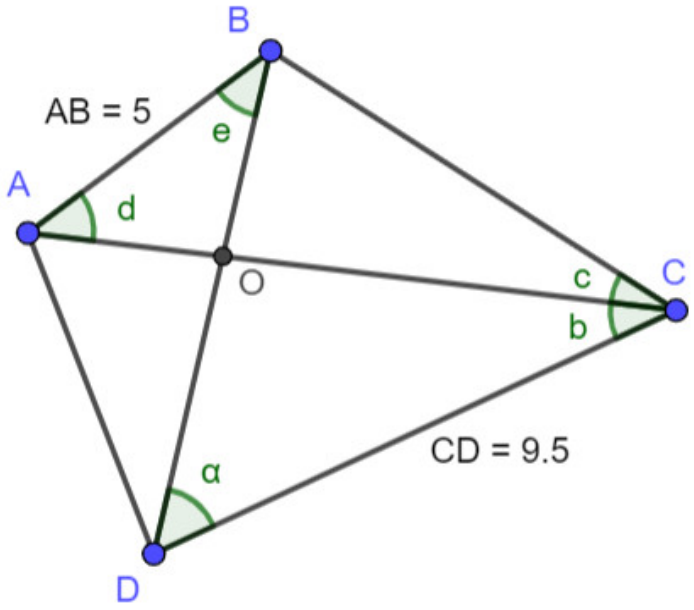


1. Vypoítejte velikosti stran OA a OC. 6 marks
2. Vypoítejte velikosti stran AD a BC. 4 marks
3. Vypoítejte obsah trojúhelníku BOC. 4 marks

Exercise 3 Calc. : ✓

Sea el cuadrilátero ABCD. Sabiendo que:

$$CD = 9,5 \text{ km} \; ; \; AB = 5 \text{ km} \; ; \; \widehat{ODC} = \alpha = 51\text{ř} \; ;$$
$$\widehat{OCD} = b = 32\text{ř} \; ; \; \widehat{OAB} = d = 43\text{ř} \; ; \; \widehat{OBA} = e = 40\text{ř} \; ; \; \widehat{OCB} = c = 26\text{ř}.$$



1. Calcula las distancias OA y OC. — 6 marks
2. Calcula las distancias AD y BC. — 4 marks
3. Calcula el área del triangulo BOC. — 4 marks