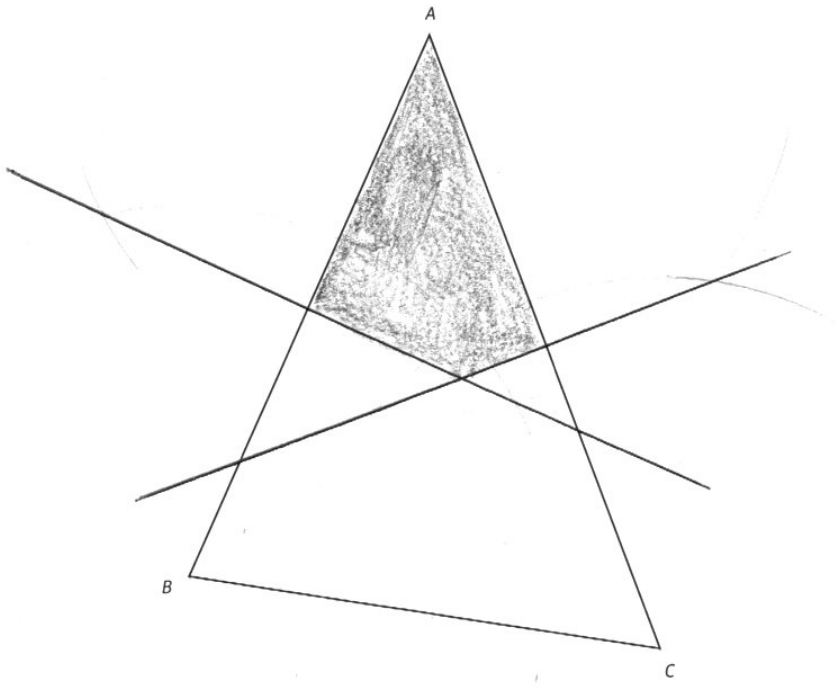
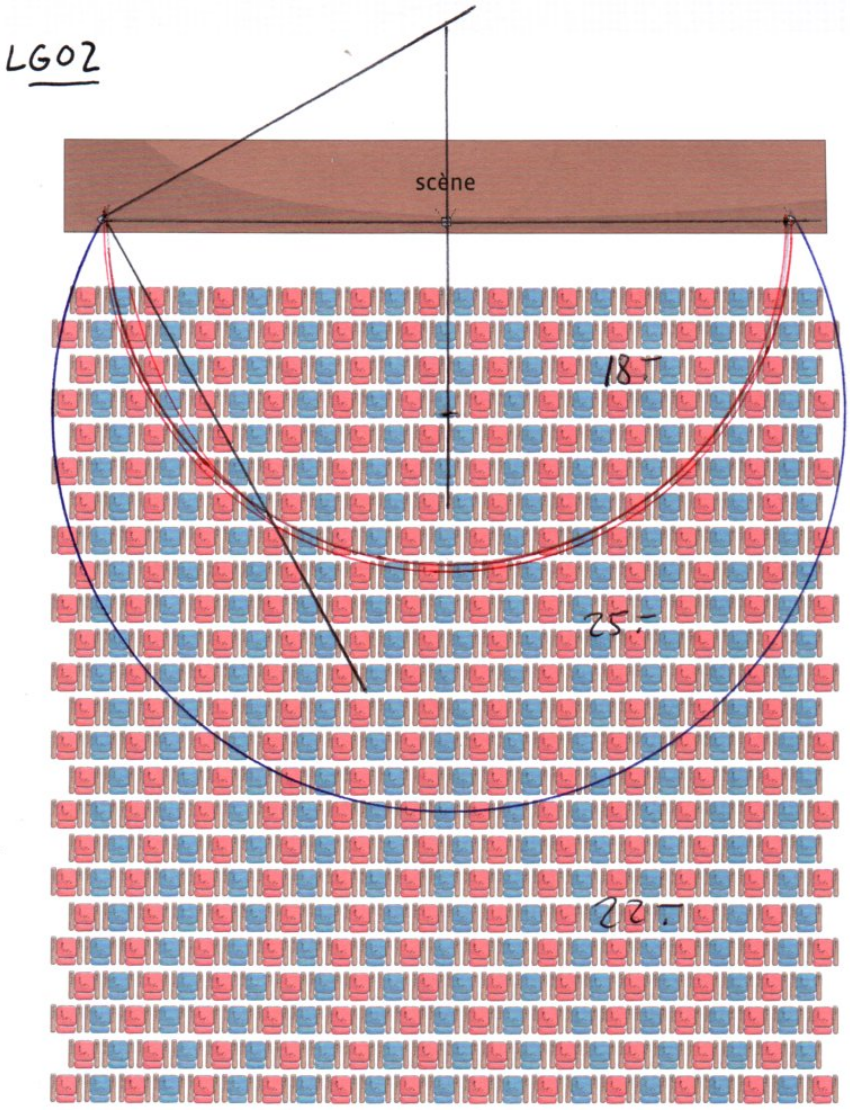
EURÊKA : Lieux géométriques
Corrigés

Y. Fracheboud

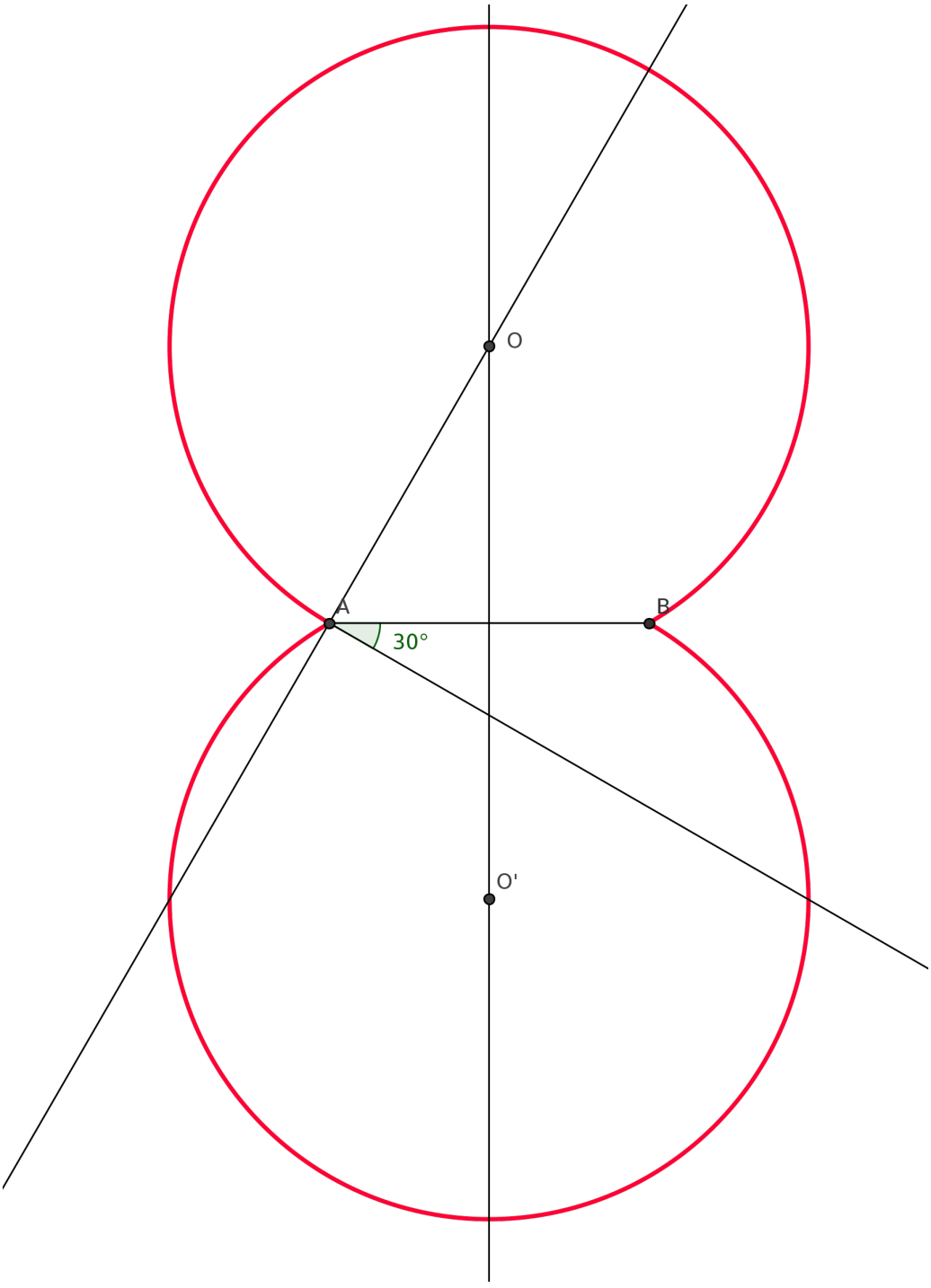
4 novembre 2024

LG01



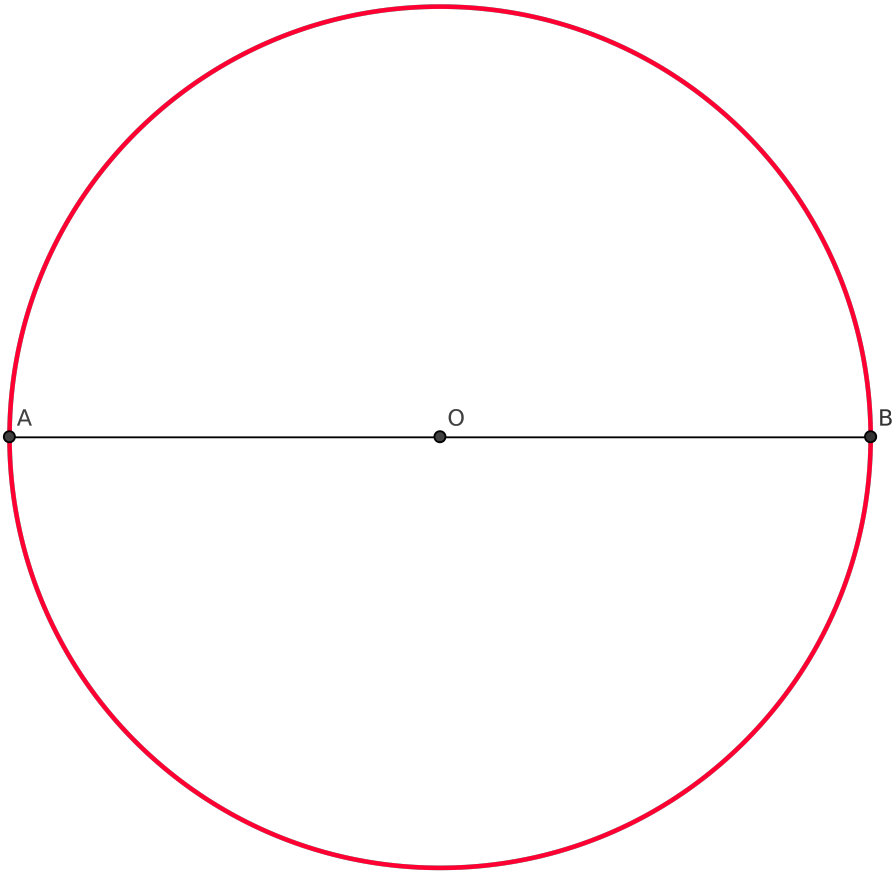

LG02
scène
18
25
22

LG03 a.



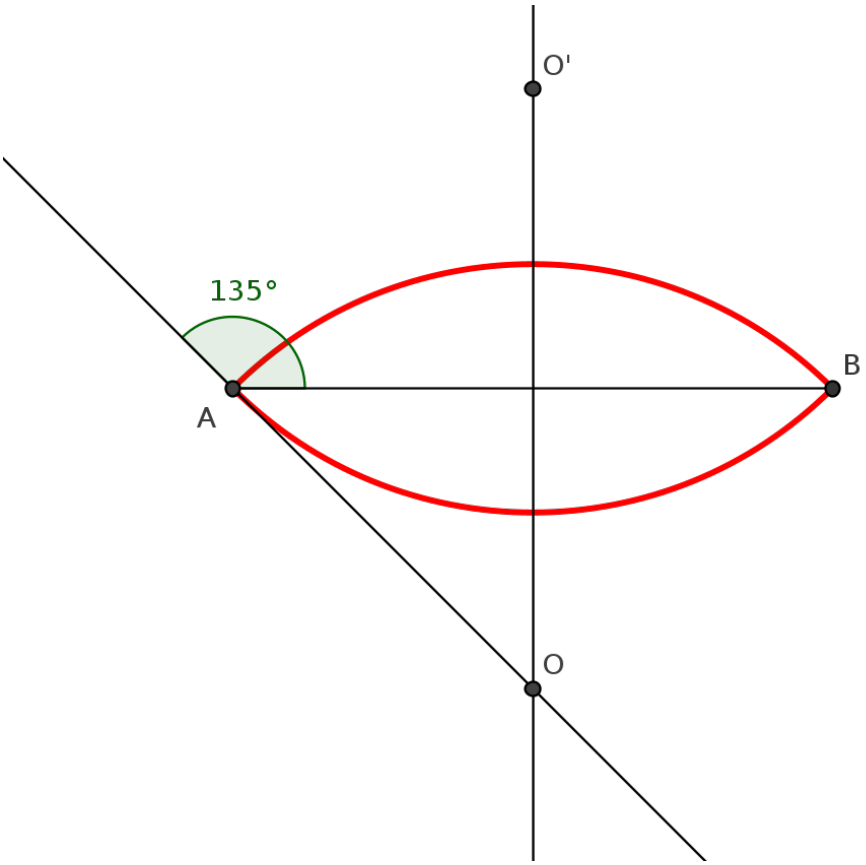
Double arc capable de AB pour 30°.

LG03 b.



Cercle de diamètre AB.

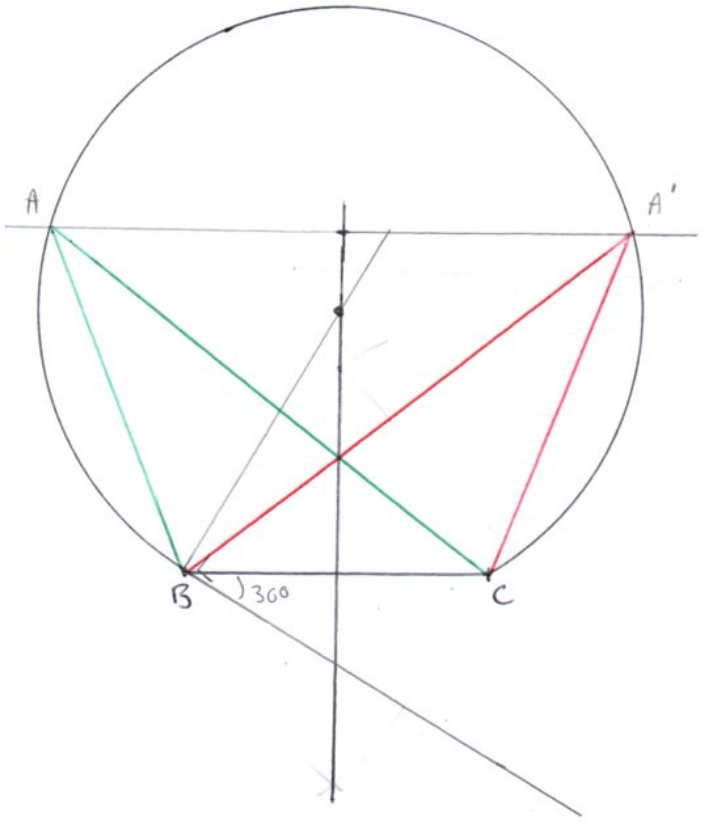
LG03 c.



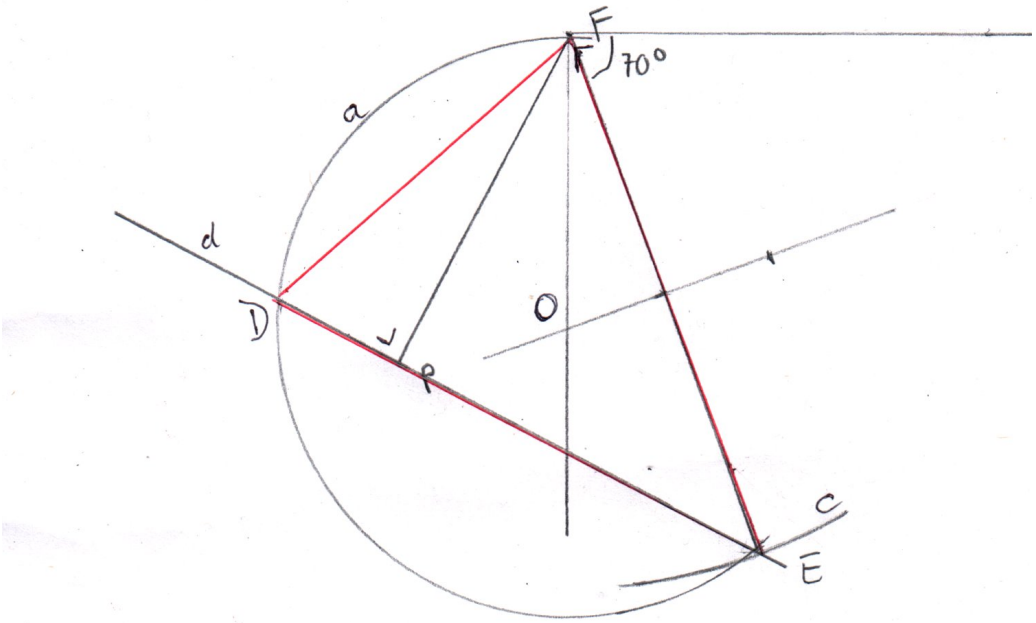
Double arc capable de AB pour 135°.

LG05

a.



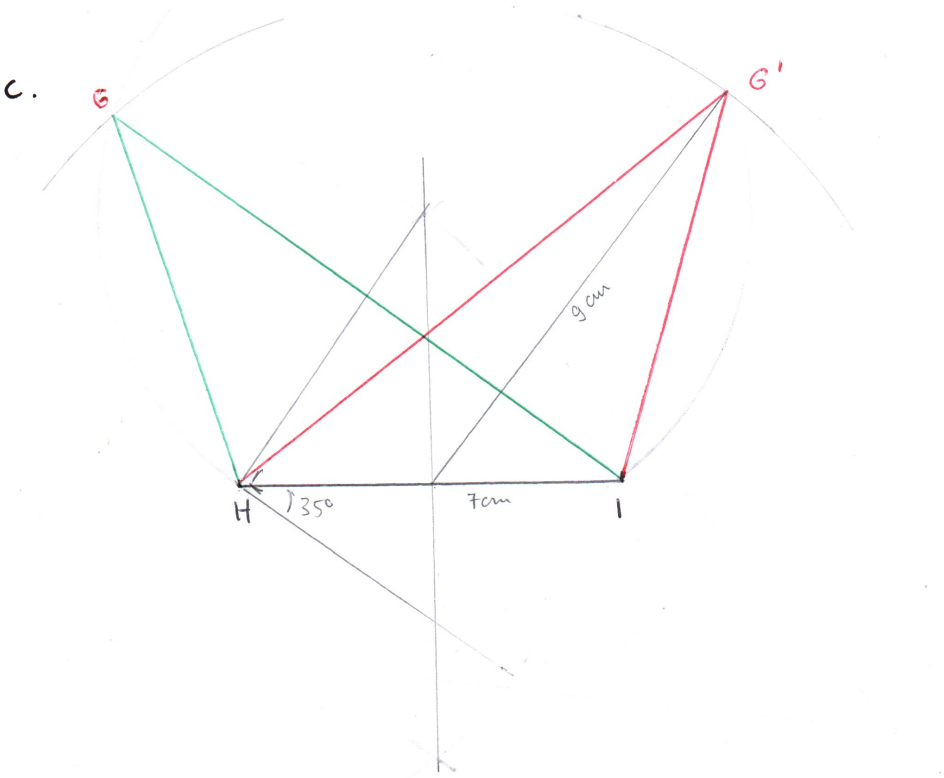
LG05 b.



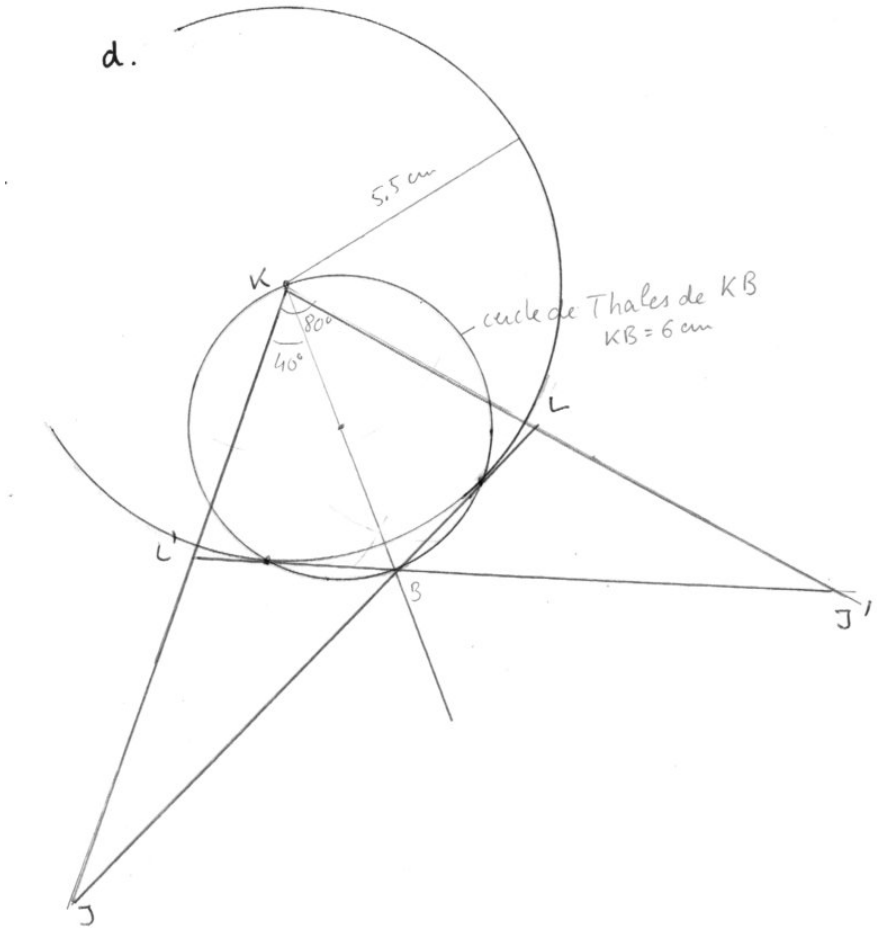
Marche à suivre :

1° FP = 6 cm
2° d ⊥ à FP par P
3° cercle c (F, 9 cm) ; c coupe d en E
4° a = arc capable 70° centré en O passant par E
5° a coupe d en D

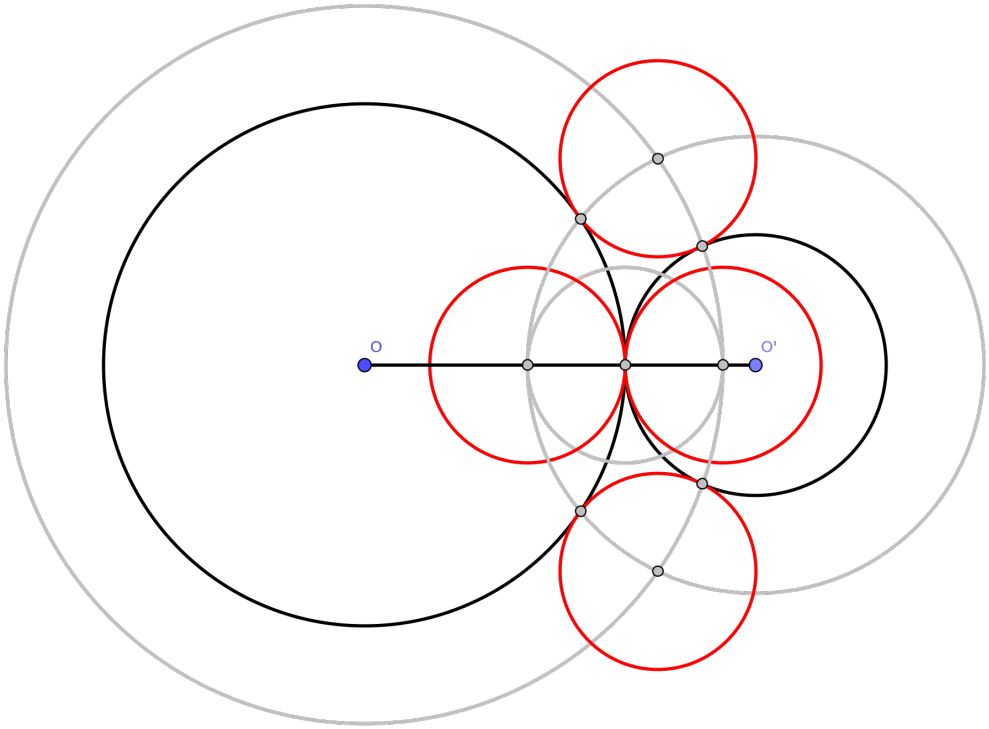
c.


G
G'
9 cm
H
135°
7cm
I

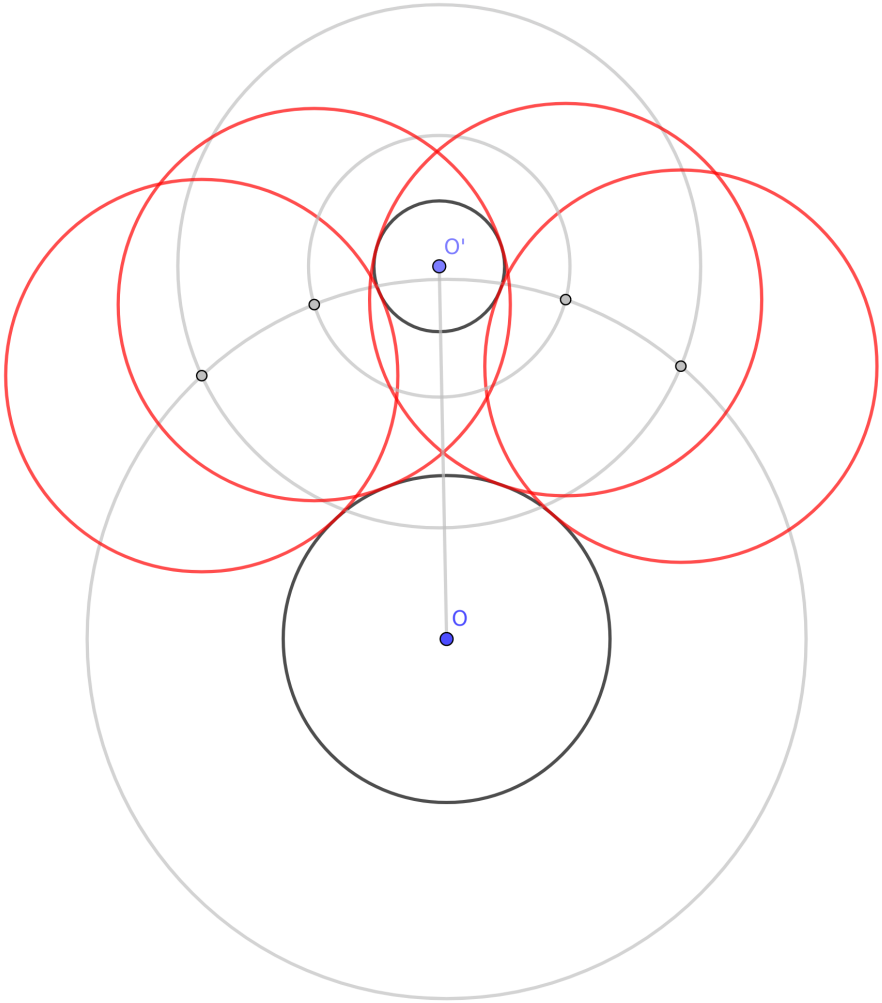
d.


5,5 cm
K
cercle de Thales de KB
KB = 6 cm
80°
40°
L
L'
B
J'
J

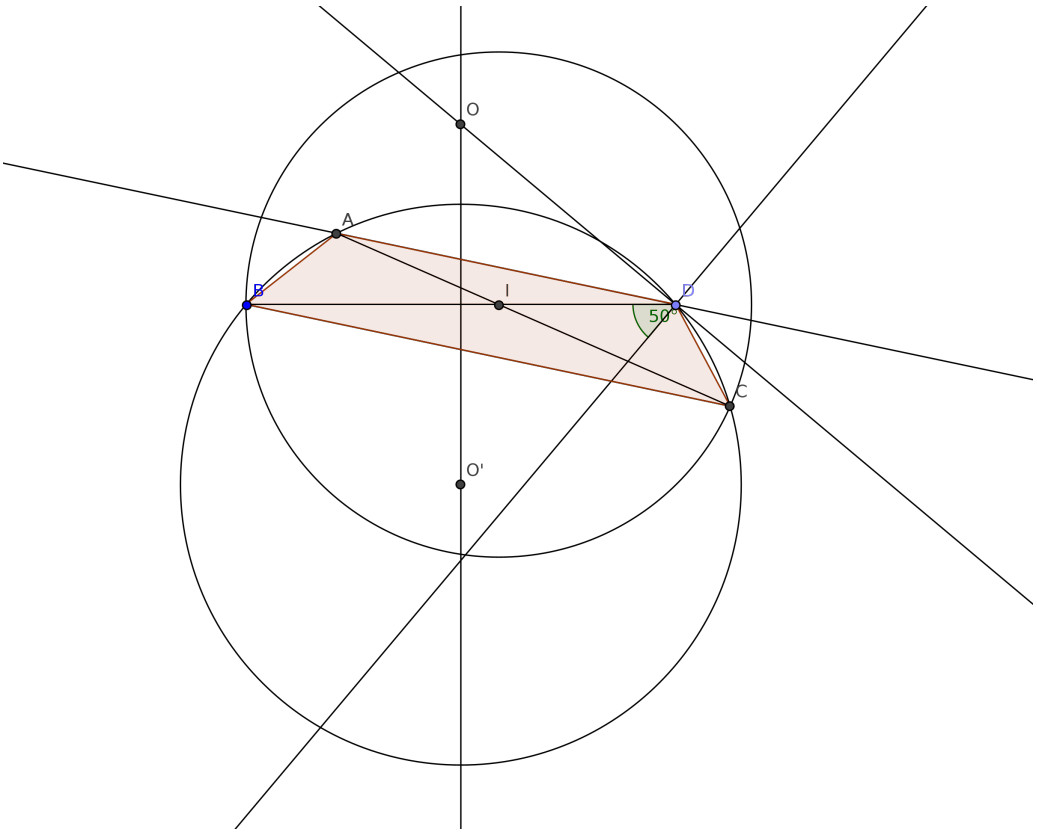
LG06



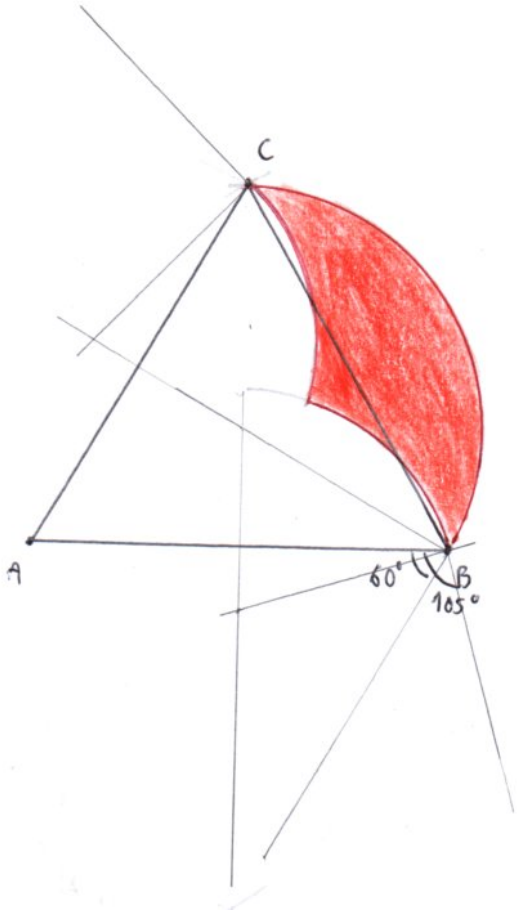
LG07



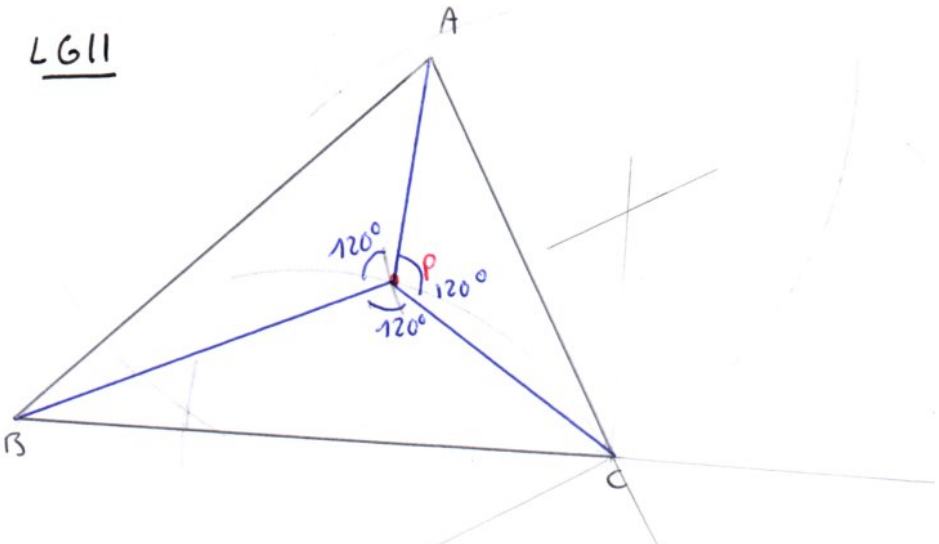
LG08



LG 10



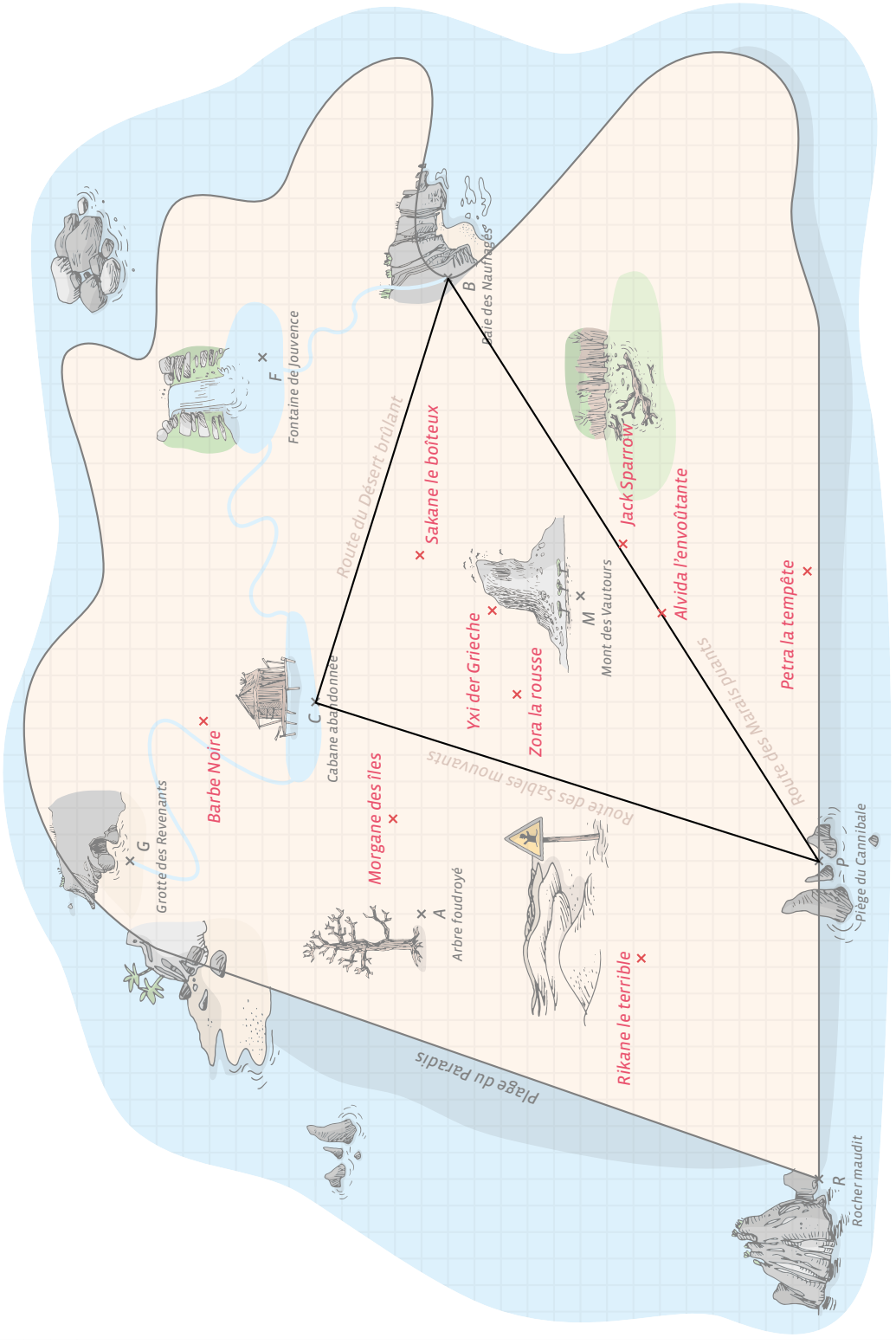
LG11



Les trois côtés du triangle ABC sont vus sous un angle de 120° depuis le point P.

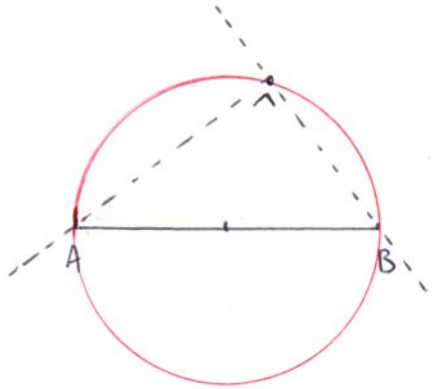
Corrigé

Piraterie — LG 13



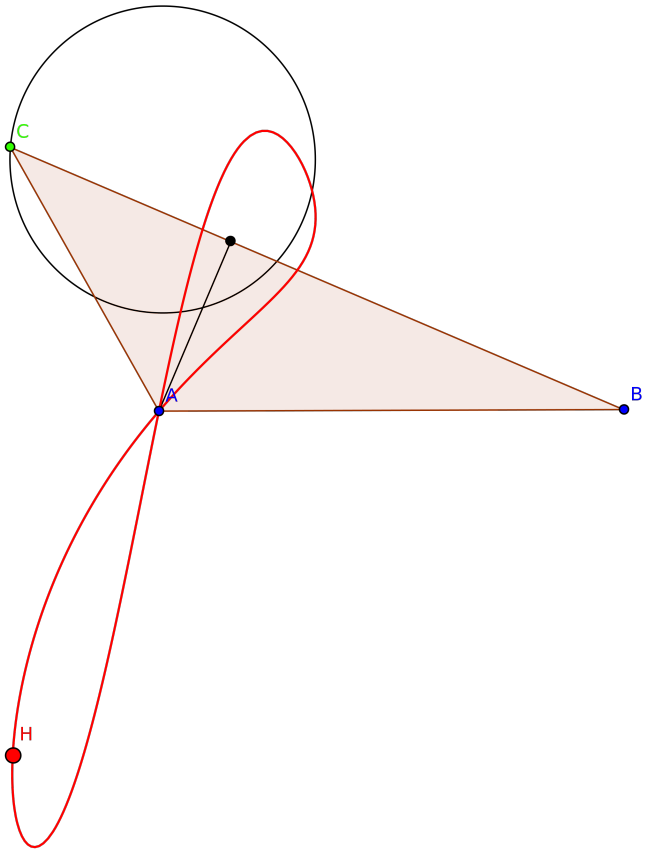
77

LG17



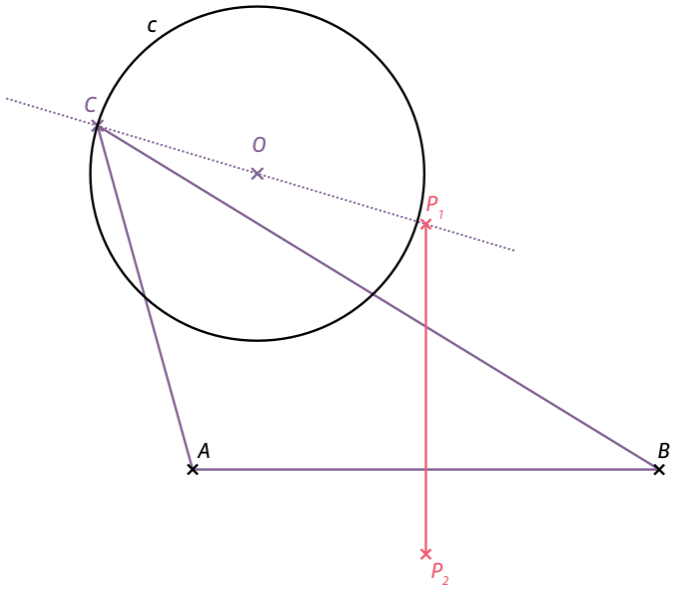
Le lieu géométrique des projetrons de B sur l'ensemble des droites passant par A est le cercle de diamètre AB, c'est le cercle de Thalès du segment AB

LG19



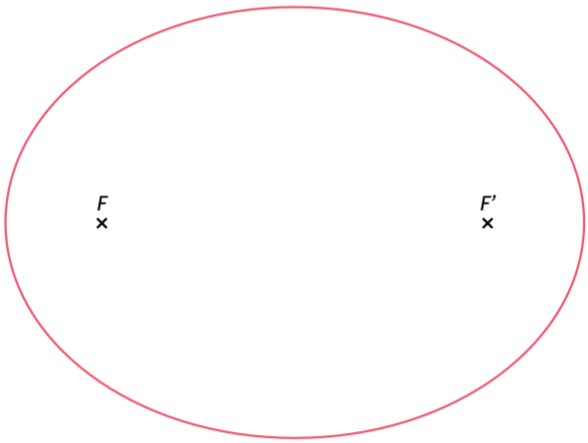
LG20

Le lieu géométrique est un segment $P_1\,P_2$ se trouvant sur la médiatrice de AB.



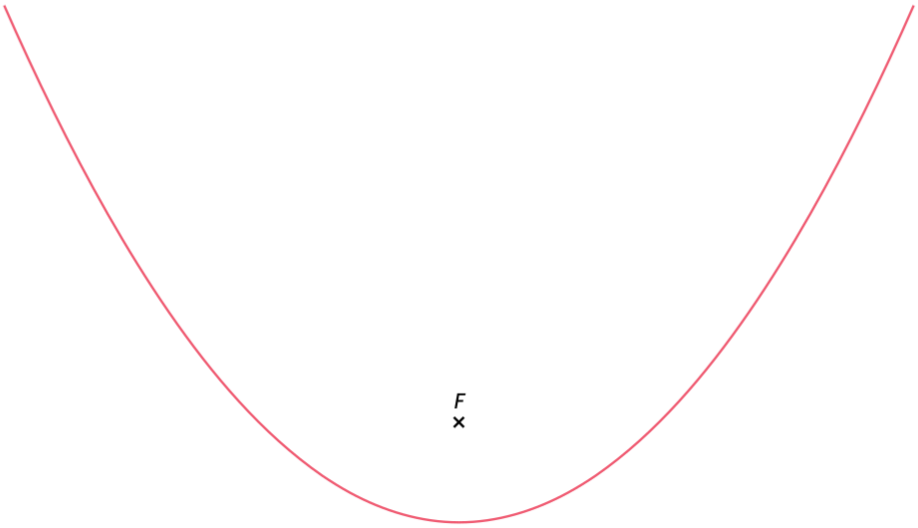
LG22

Le lieu géométrique est une ellipse de foyers F et F'.



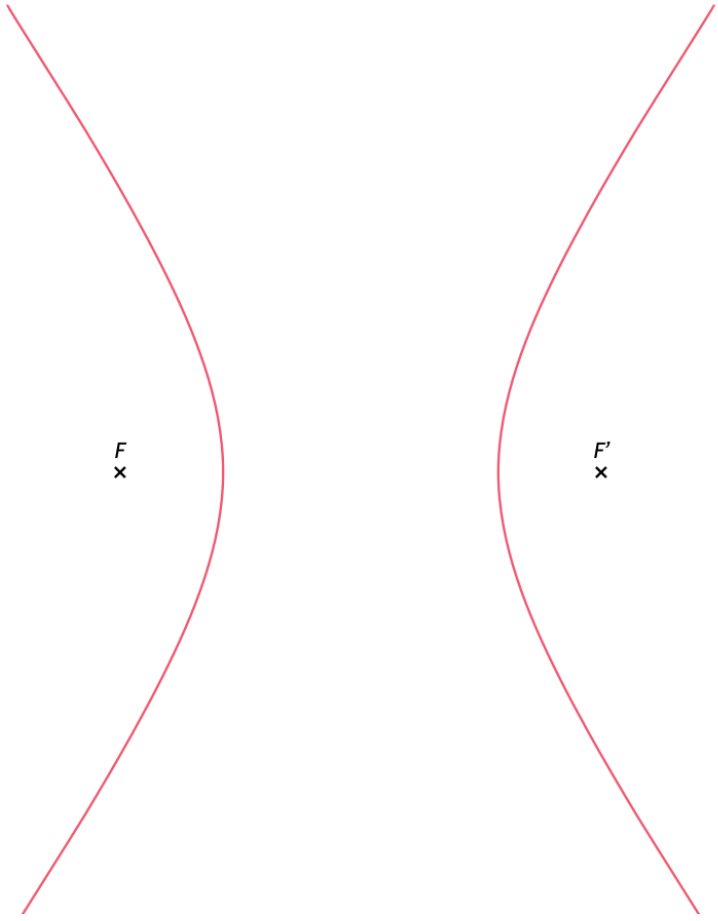
LG23

Le lieu géométrique est une parabole dont *F* est le foyer et *d* la droite directrice.

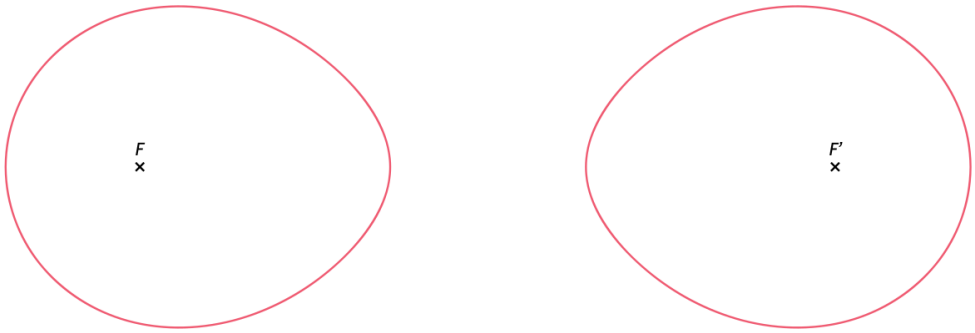


LG24

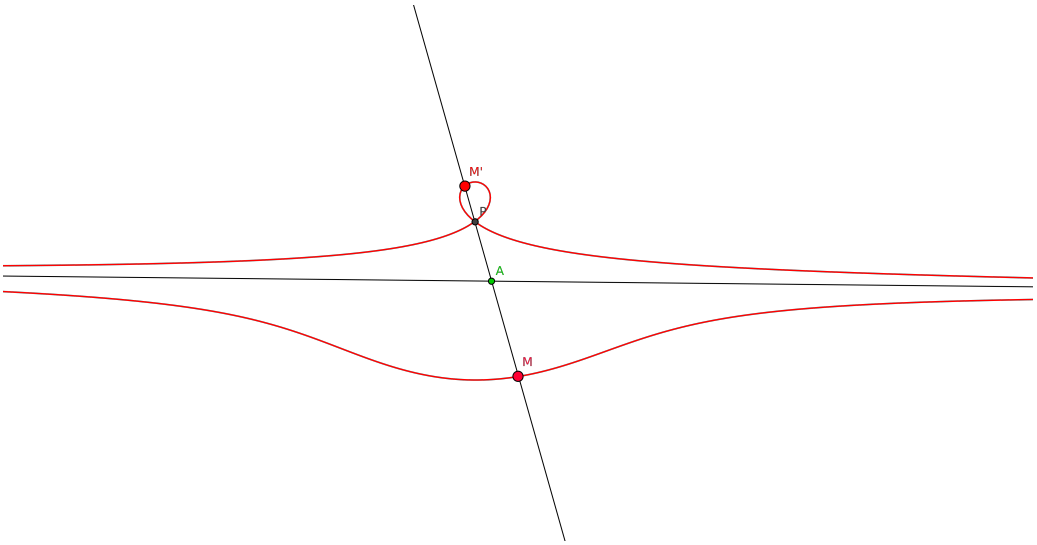
Le lieu géométrique est une hyperbole dont *F* et *F'* sont les foyers.



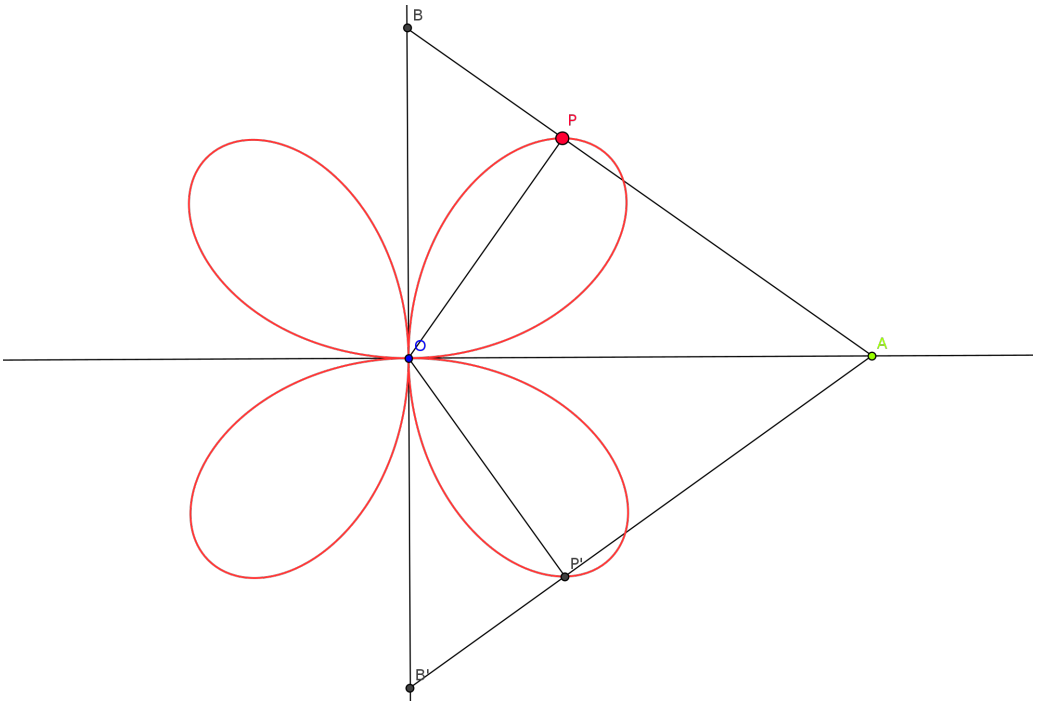
LG26



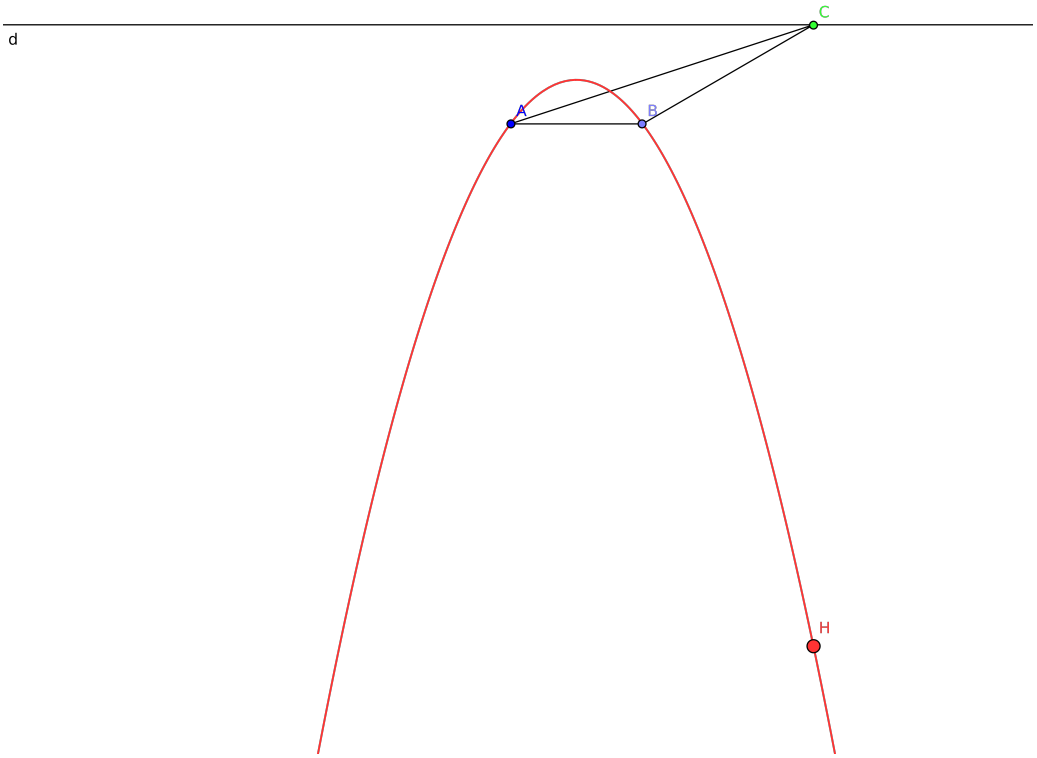
LG28



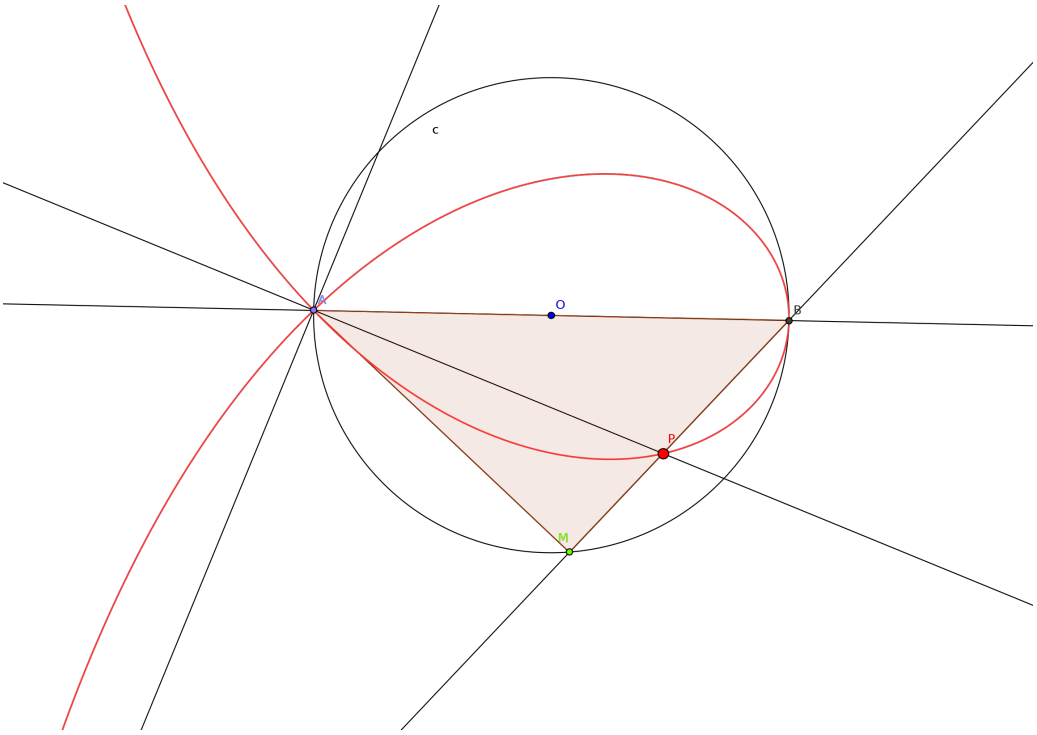
LG30



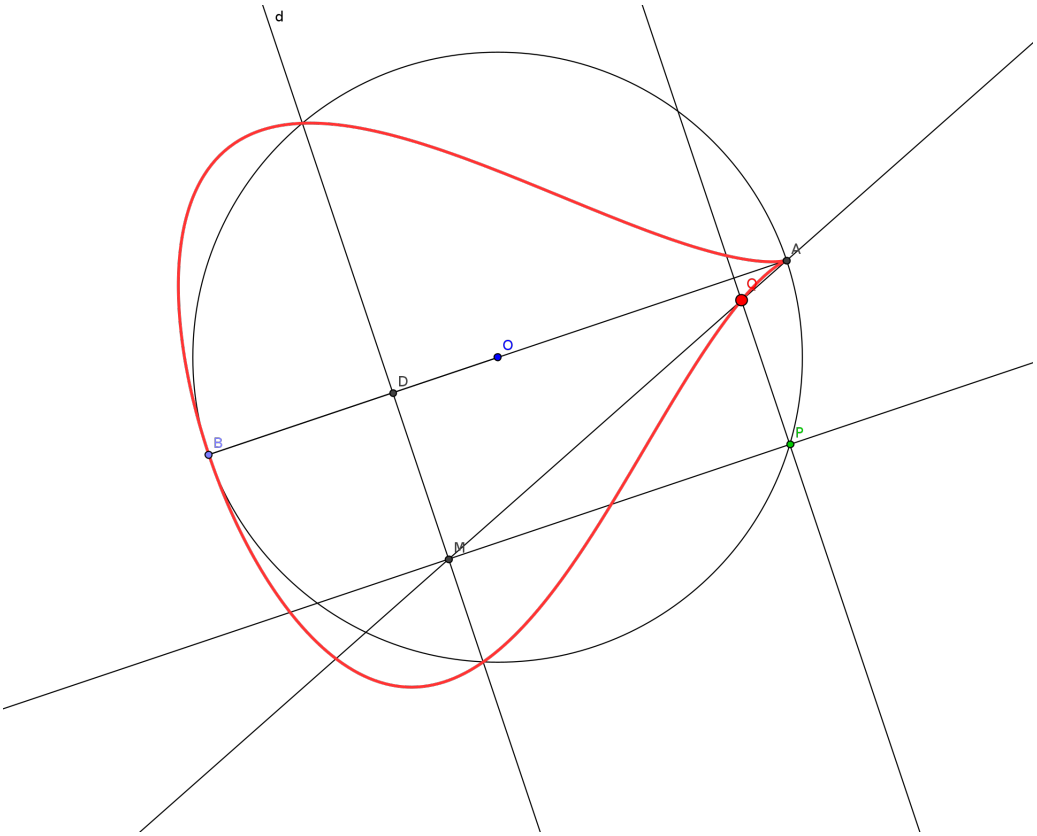
LG32



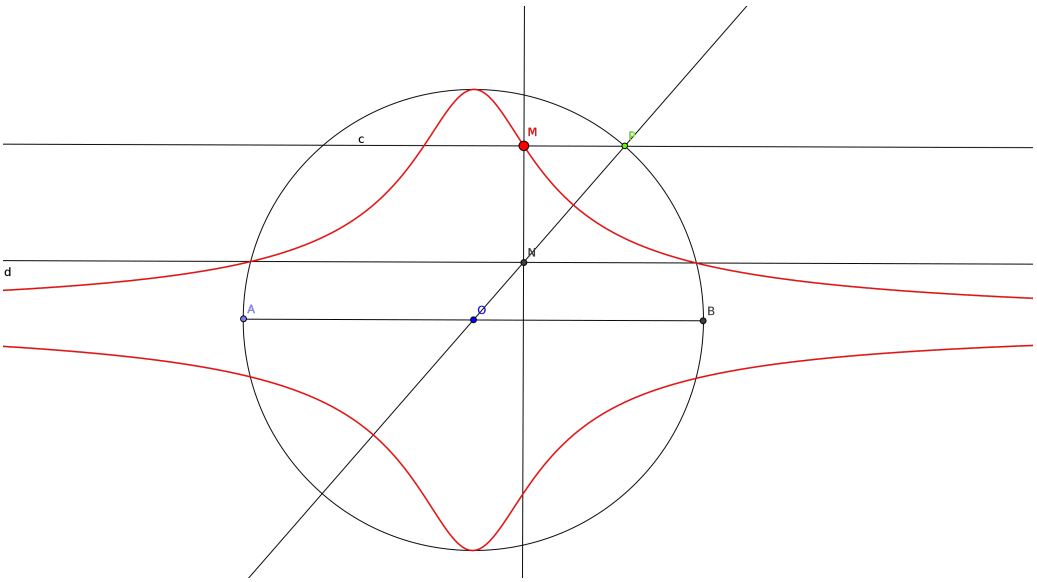
LG33



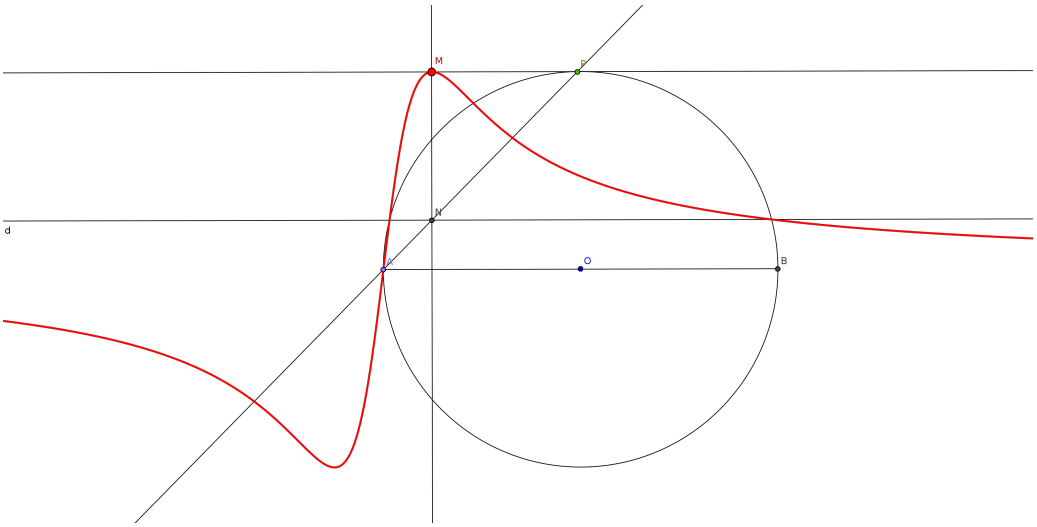
LG34



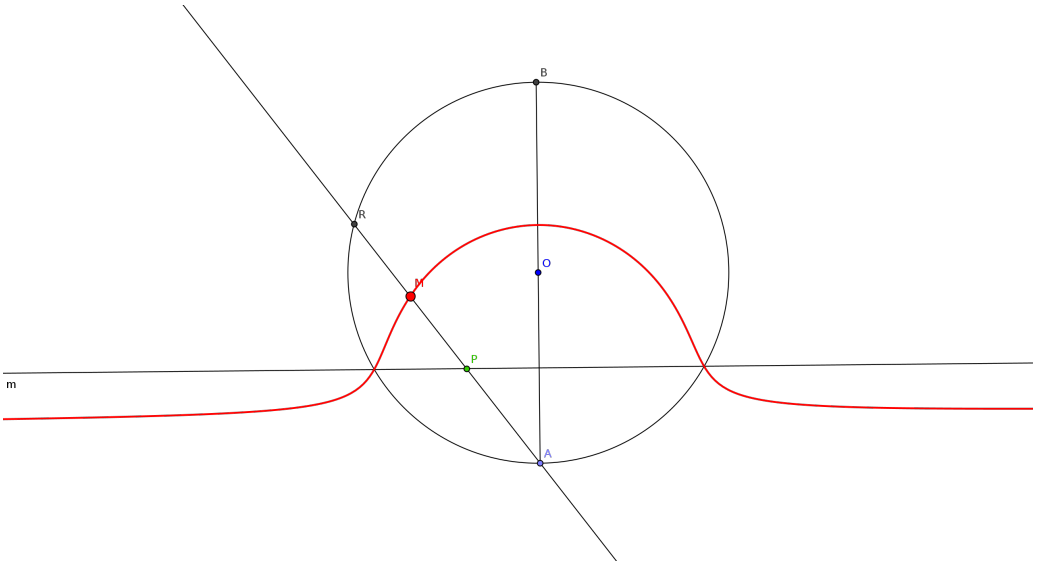
LG35



LG36



LG37



LG39