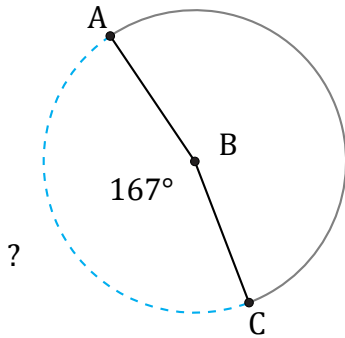


Longueurs d'un Arc de Cercle (B)

Nom: _____

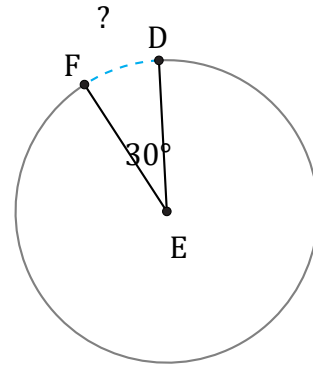
Date: _____

Calculez la longueur de l'angle du cercle.



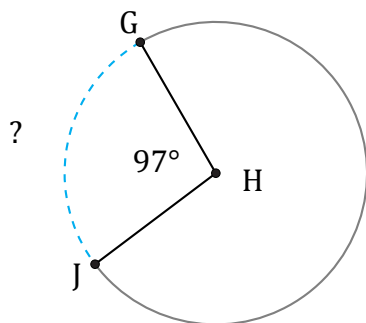
Rayon = 567 hm

$\widehat{AC} =$



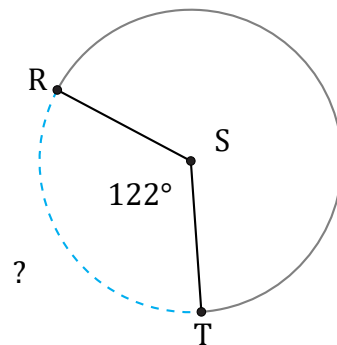
Diamètre = 56 dm

$\widehat{DF} =$



Rayon = 2 hm

$\widehat{GJ} =$



Diamètre = 1954 dm

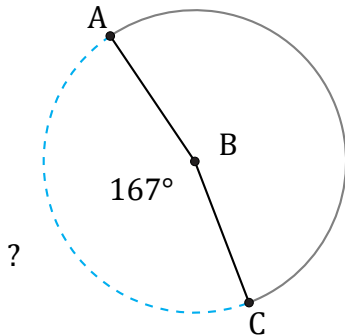
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (B) Réponses

Nom: _____

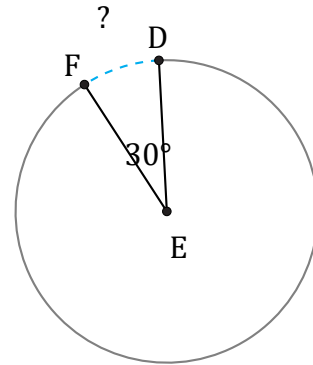
Date: _____

Calculez la longueur de l'angle du cercle.



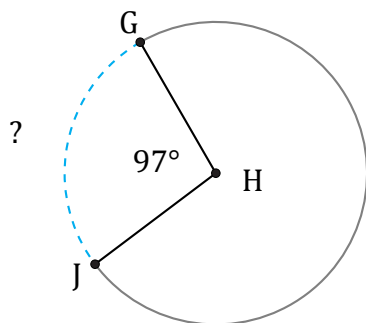
Rayon = 567 hm

$$\widehat{AC} = \frac{167}{360} \times \pi \times 567 \times 2 = 1652,63 \text{ hm}$$



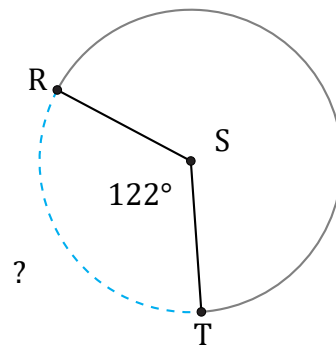
Diamètre = 56 dm

$$\widehat{DF} = \frac{30}{360} \times \pi \times 56 = 14,66 \text{ dm}$$



Rayon = 2 hm

$$\widehat{GJ} = \frac{97}{360} \times \pi \times 2 \times 2 = 3,39 \text{ hm}$$



Diamètre = 1954 dm

$$\widehat{RT} = \frac{122}{360} \times \pi \times 1954 = 2080,33 \text{ dm}$$