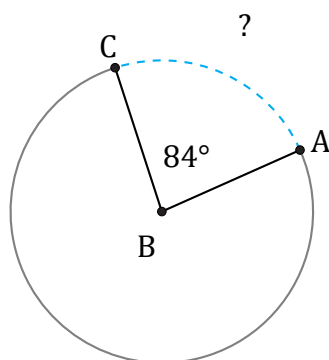


Longueurs d'un Arc de Cercle (J)

Nom: _____

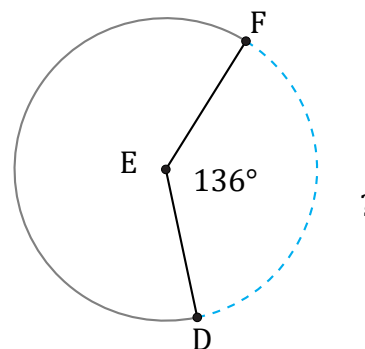
Date: _____

Calculez la longueur de l'angle du cercle.



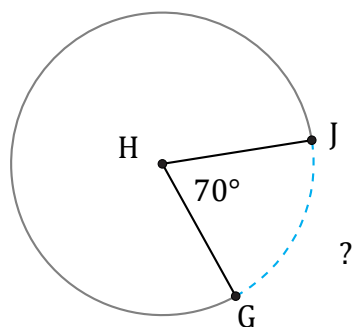
Rayon = 596 hm

$\widehat{AC} =$



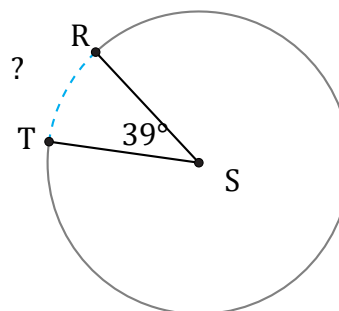
Rayon = 8 po

$\widehat{DF} =$



Diamètre = 8 km

$\widehat{GJ} =$



Diamètre = 1500 m

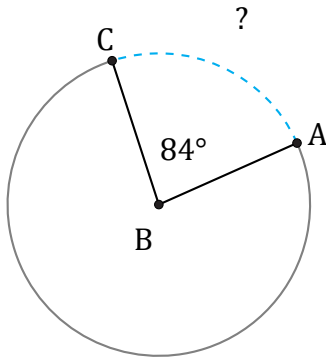
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (J) Réponses

Nom: _____

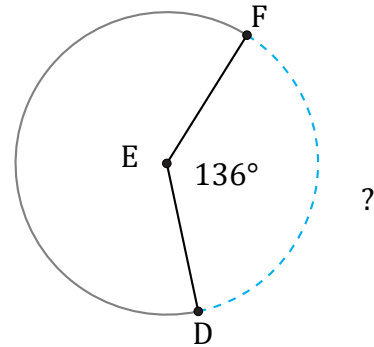
Date: _____

Calculez la longueur de l'angle du cercle.



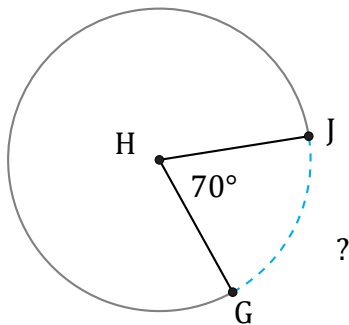
Rayon = 596 hm

$$\widehat{AC} = \frac{84}{360} \times \pi \times 596 \times 2 = 873,78 \text{ hm}$$



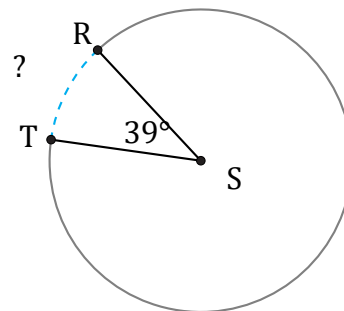
Rayon = 8 po

$$\widehat{DF} = \frac{136}{360} \times \pi \times 8 \times 2 = 18,99 \text{ po}$$



Diamètre = 8 km

$$\widehat{GJ} = \frac{70}{360} \times \pi \times 8 = 4,89 \text{ km}$$



Diamètre = 1500 m

$$\widehat{RT} = \frac{39}{360} \times \pi \times 1500 = 510,51 \text{ m}$$