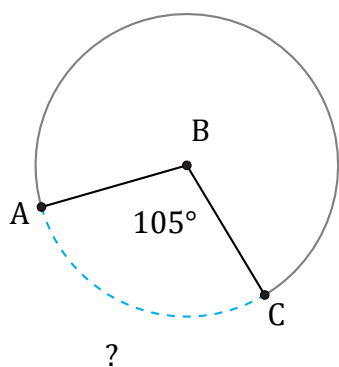


Longueurs d'un Arc de Cercle (F)

Nom: _____

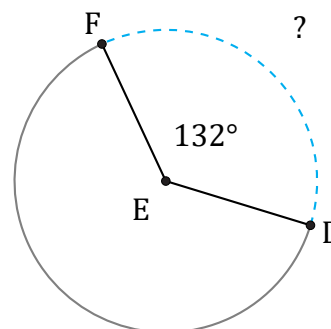
Date: _____

Calculez la longueur de l'angle du cercle.



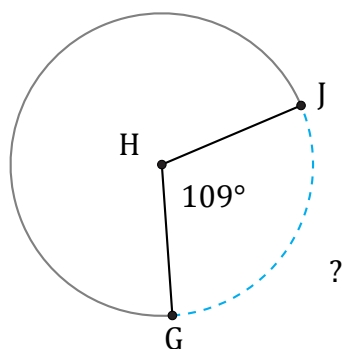
Diamètre = 144 m

$\widehat{AC} =$



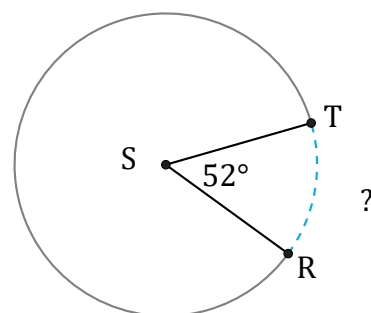
Rayon = 3 km

$\widehat{DF} =$



Circonférence = 4146,9 km

$\widehat{GJ} =$



Circonférence = 6144,96 km

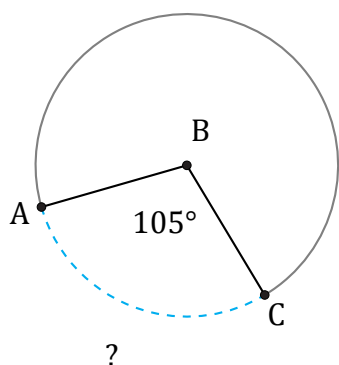
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (F) Réponses

Nom: _____

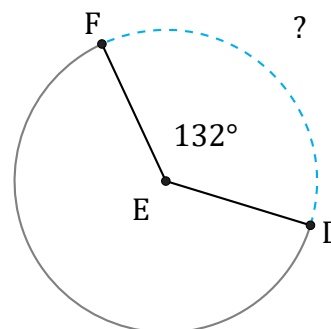
Date: _____

Calculez la longueur de l'angle du cercle.



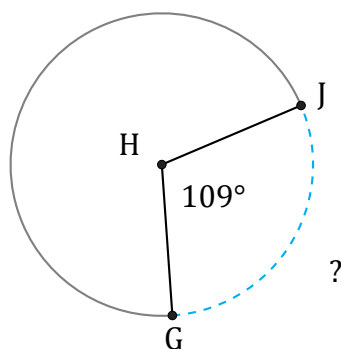
Diamètre = 144 m

$$\widehat{AC} = \frac{105}{360} \times \pi \times 144 = 131,95 \text{ m}$$



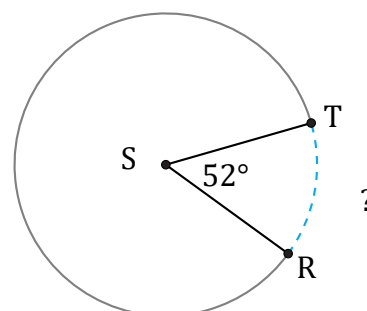
Rayon = 3 km

$$\widehat{DF} = \frac{132}{360} \times \pi \times 3 \times 2 = 6,91 \text{ km}$$



Circonférence = 4146,9 km

$$\widehat{GJ} = \frac{109}{360} \times 4146,9 = 1255,59 \text{ km}$$



Circonférence = 6144,96 km

$$\widehat{RT} = \frac{52}{360} \times 6144,96 = 887,61 \text{ km}$$