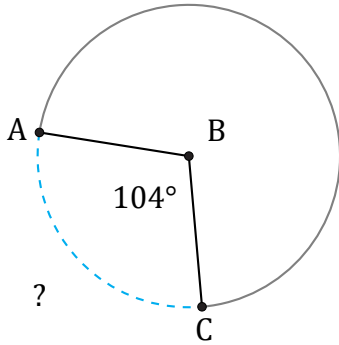


Longueurs d'un Arc de Cercle (A)

Nom: _____

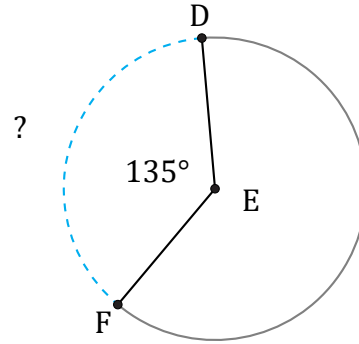
Date: _____

Calculez la longueur de l'angle du cercle.



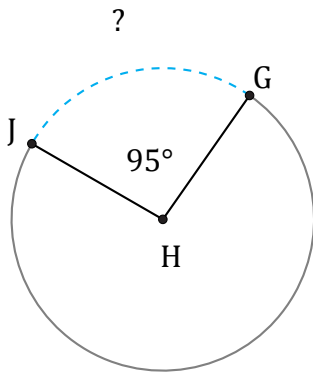
Rayon = 8 mm

$\widehat{AC} =$



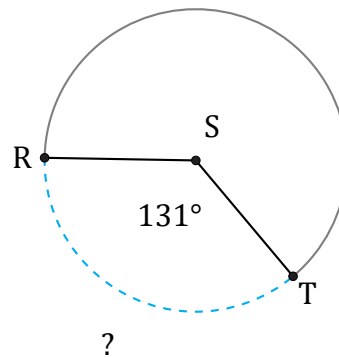
Circonférence = 37,7 km

$\widehat{DF} =$



Circonférence = 6,28 m

$\widehat{GJ} =$



Diamètre = 138 m

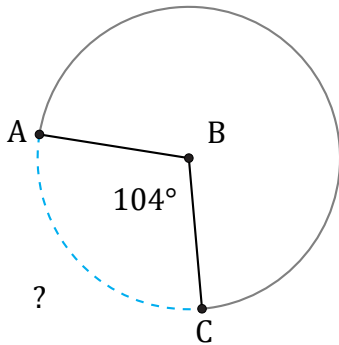
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (A) Réponses

Nom: _____

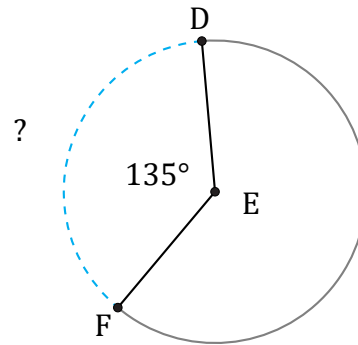
Date: _____

Calculez la longueur de l'angle du cercle.



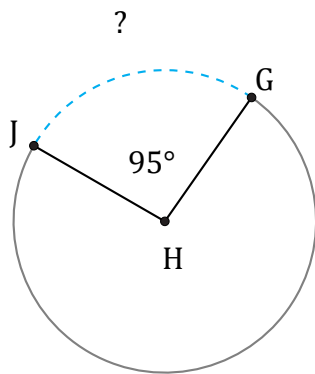
Rayon = 8 mm

$$\widehat{AC} = \frac{104}{360} \times \pi \times 8 \times 2 = 14,52 \text{ mm}$$



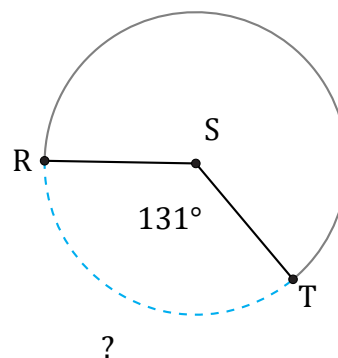
Circonférence = 37,7 km

$$\widehat{DF} = \frac{135}{360} \times 37,7 = 14,14 \text{ km}$$



Circonférence = 6,28 m

$$\widehat{GJ} = \frac{95}{360} \times 6,28 = 1,66 \text{ m}$$



Diamètre = 138 m

$$\widehat{RT} = \frac{131}{360} \times \pi \times 138 = 157,76 \text{ m}$$