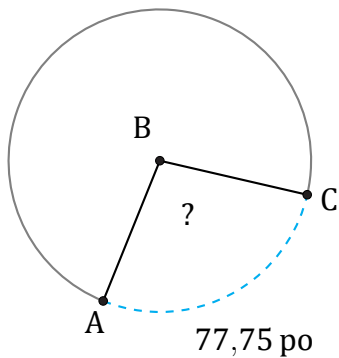


Angles et Longueurs d'un Arc de Cercle (G)

Nom: _____

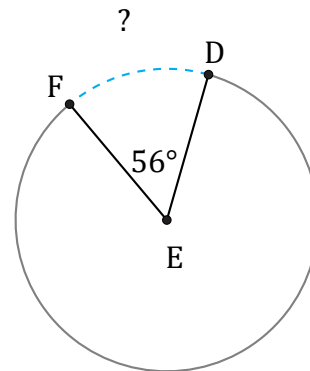
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



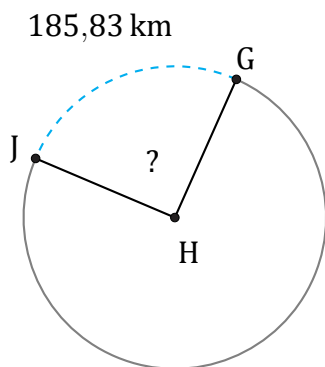
Circonférence = 282,74 po

$\angle ABC =$



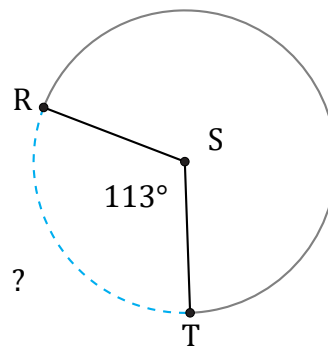
Diamètre = 108 m

$\widehat{DF} =$



Rayon = 117 km

$\angle GHJ =$



Circonférence = 43,98 μm

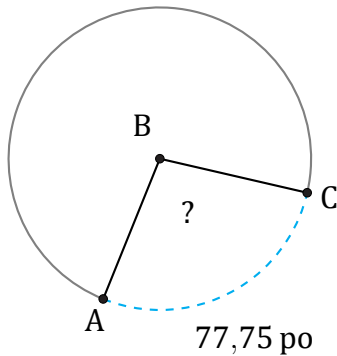
$\widehat{RT} =$

Angles et Longueurs d'un Arc de Cercle (G) Réponses

Nom: _____

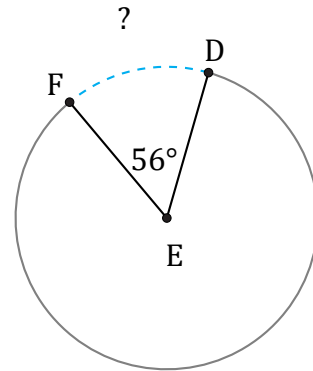
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



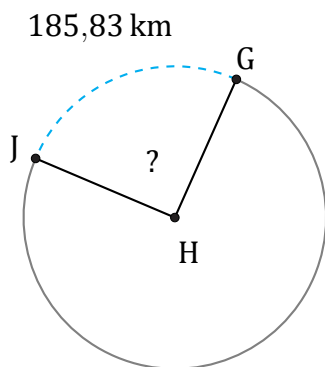
Circonférence = 282,74 po

$$\angle ABC = \frac{77,75}{282,74} \times 360 = 99^\circ$$



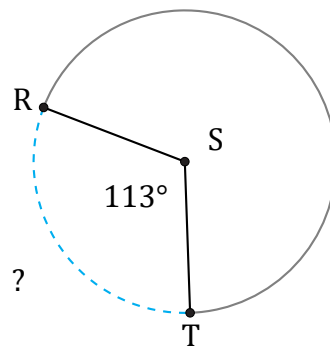
Diamètre = 108 m

$$\widehat{DF} = \frac{56}{360} \times \pi \times 108 = 52,78 \text{ m}$$



Rayon = 117 km

$$\angle GHJ = \frac{185,83}{117 \times \pi \times 2} \times 360 = 91^\circ$$



Circonférence = 43,98 μm

$$\widehat{RT} = \frac{113}{360} \times 43,98 = 13,8 \mu\text{m}$$