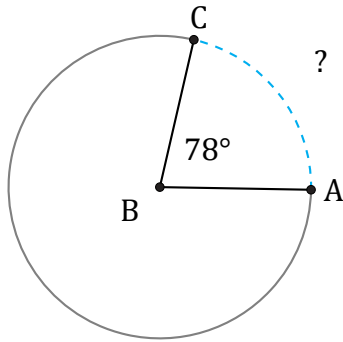


Angles et Longueurs d'un Arc de Cercle (I)

Nom: _____

Date: _____

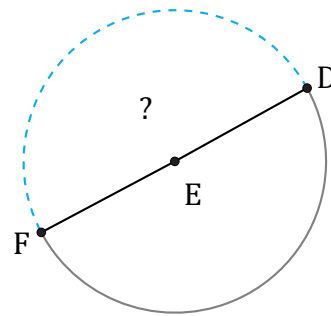
Calculez la longueur de l'arc de cercle et la mesure de l'angle.



Circonférence = 5868,5 dm

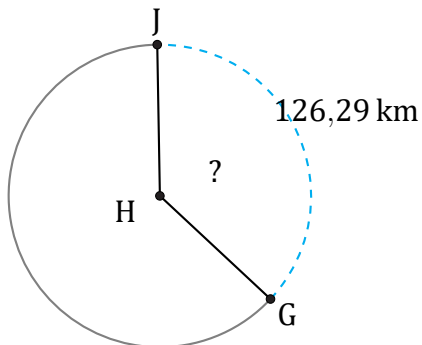
$\widehat{AC} =$

431,13 hm



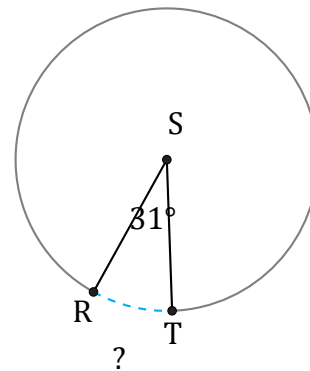
Circonférence = 867,08 hm

$\angle DEF =$



Circonférence = 339,29 km

$\angle GHJ =$



Circonférence = 18,85 dm

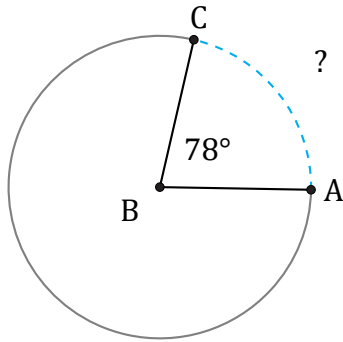
$\widehat{RT} =$

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

Nom: _____

Date: _____

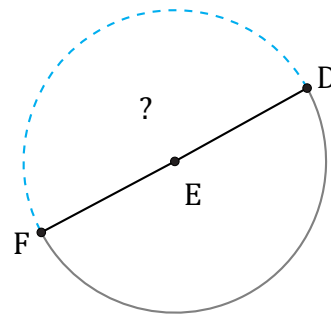
Calculez la longueur de l'arc de cercle et la mesure de l'angle.



Circonférence = 5868,5 dm

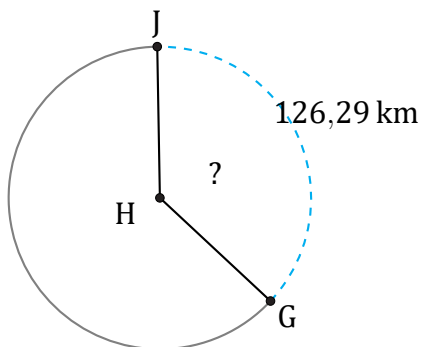
$$\widehat{AC} = \frac{78}{360} \times 5868,5 = 1271,51 \text{ dm}$$

431,13 hm



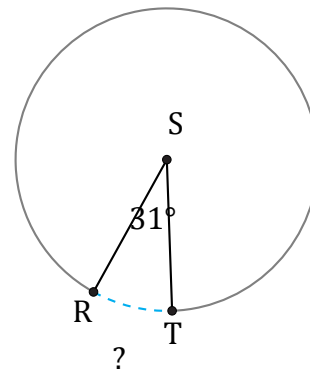
Circonférence = 867,08 hm

$$\angle DEF = \frac{431,13}{867,08} \times 360 = 179^\circ$$



Circonférence = 339,29 km

$$\angle GHJ = \frac{126,29}{339,29} \times 360 = 134^\circ$$



Circonférence = 18,85 dm

$$\widehat{RT} = \frac{31}{360} \times 18,85 = 1,62 \text{ dm}$$