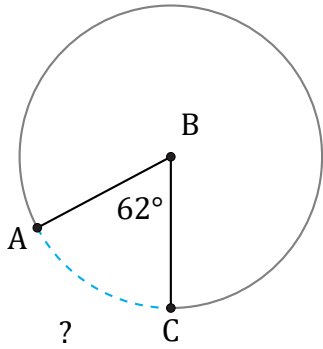


Angles et Longueurs d'un Arc de Cercle (A)

Nom: _____

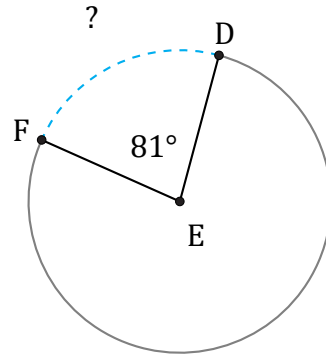
Date: _____

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



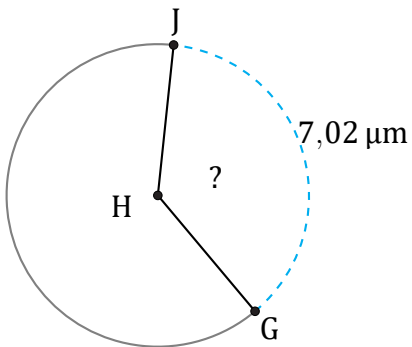
Circonférence = 3135,31 dm

$\widehat{AC} =$



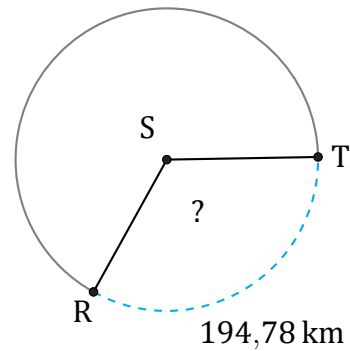
Circonférence = 402,12 km

$\widehat{DF} =$



Circonférence = 18,85 μm

$\angle GHJ =$



Circonférence = 584,34 km

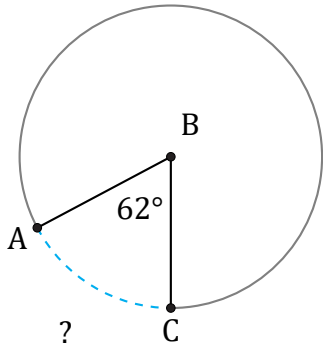
$\angle RST =$

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

Nom: _____

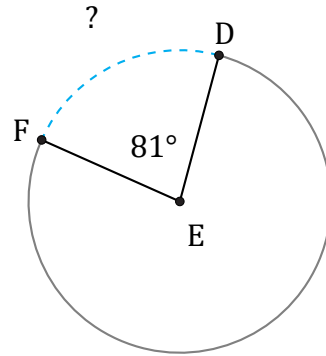
Date: _____

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



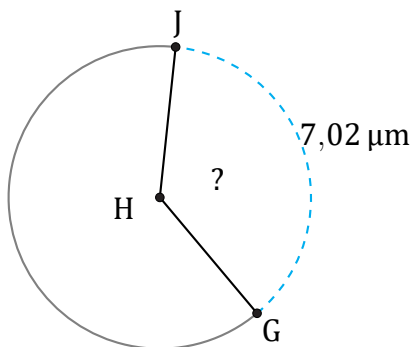
Circonférence = 3135,31 dm

$$\widehat{AC} = \frac{62}{360} \times 3135,31 = 539,97 \text{ dm}$$



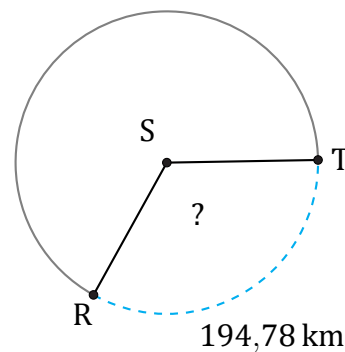
Circonférence = 402,12 km

$$\widehat{DF} = \frac{81}{360} \times 402,12 = 90,48 \text{ km}$$



Circonférence = 18,85 μm

$$\angle GHJ = \frac{7,02}{18,85} \times 360 = 134,1^\circ$$



Circonférence = 584,34 km

$$\angle RST = \frac{194,78}{584,34} \times 360 = 120^\circ$$