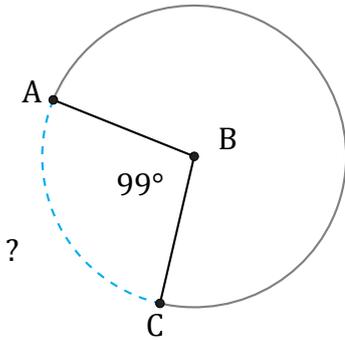


Angles et Longueurs d'un Arc de Cercle (C)

Nom: _____

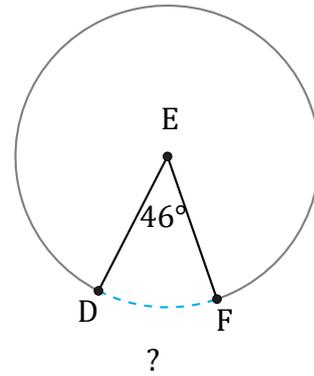
Date: _____

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



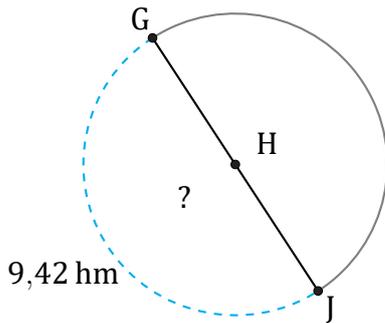
Circonférence = 1828,41 km

$\widehat{AC} =$



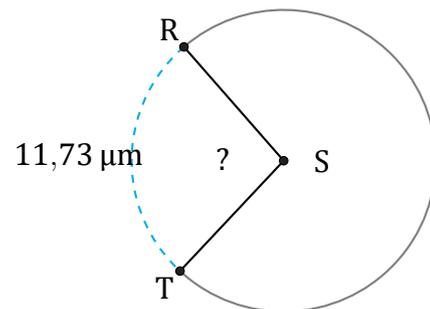
Circonférence = 1401,15 mm

$\widehat{DF} =$



Circonférence = 18,85 hm

$\angle GHJ =$



Circonférence = 43,98 μm

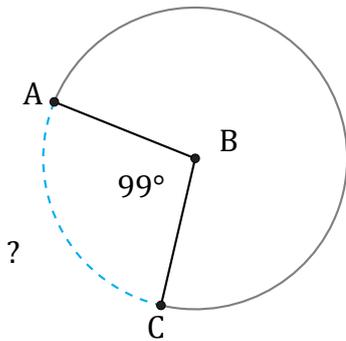
$\angle RST =$

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

Nom: _____

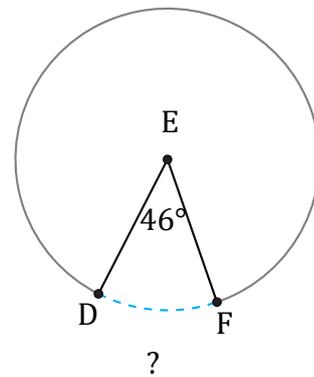
Date: _____

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



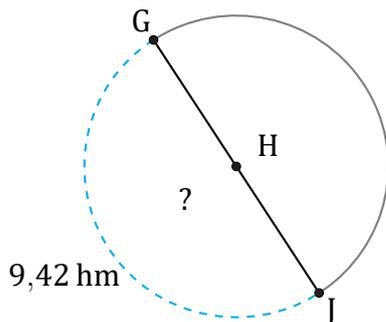
Circonférence = 1828,41 km

$$\widehat{AC} = \frac{99}{360} \times 1828,41 = 502,81 \text{ km}$$



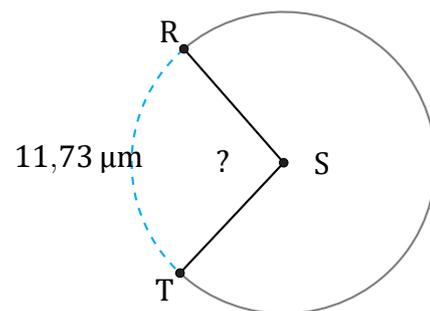
Circonférence = 1401,15 mm

$$\widehat{DF} = \frac{46}{360} \times 1401,15 = 179,04 \text{ mm}$$



Circonférence = 18,85 hm

$$\angle GHJ = \frac{9,42}{18,85} \times 360 = 179,9^\circ$$



Circonférence = 43,98 micrometers

$$\angle RST = \frac{11,73}{43,98} \times 360 = 96^\circ$$