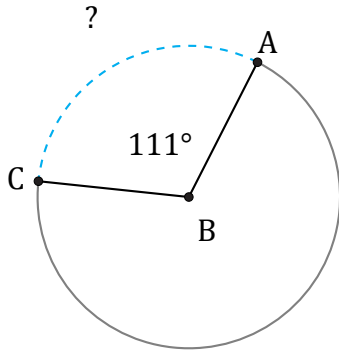


Longueurs d'un Arc de Cercle (B)

Nom: _____

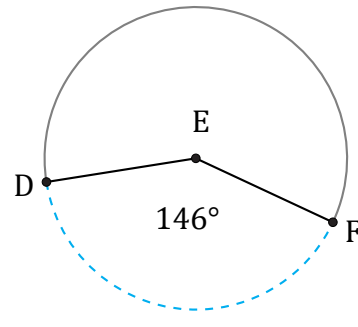
Date: _____

Calculez la longueur de l'angle du cercle.



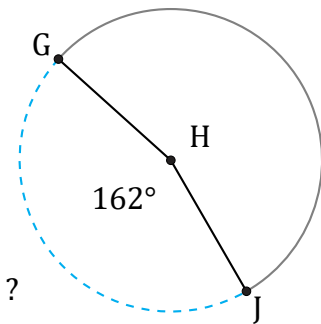
Diamètre = 4 μ m

$\widehat{AC} =$



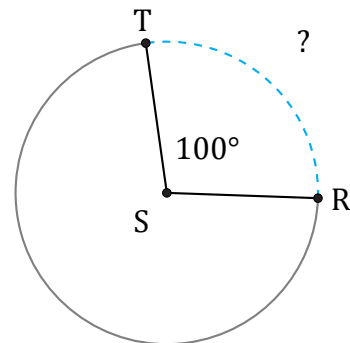
Circonférence = 1426,28 po

$\widehat{DF} =$



Rayon = 188 km

$\widehat{GJ} =$



Circonférence = 43,98 cm

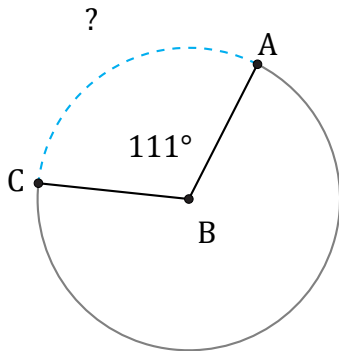
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (B) Réponses

Nom: _____

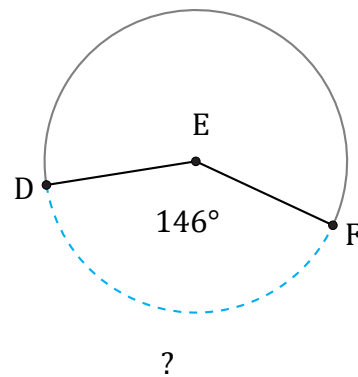
Date: _____

Calculez la longueur de l'angle du cercle.



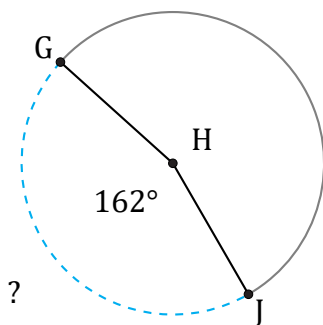
Diamètre = 4 μm

$$\widehat{AC} = \frac{111}{360} \times \pi \times 4 = 3,87 \mu\text{m}$$



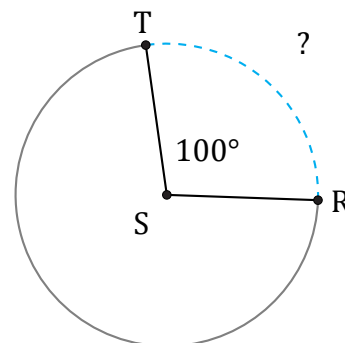
Circonférence = 1426,28 po

$$\widehat{DF} = \frac{146}{360} \times 1426,28 = 578,44 \text{ po}$$



Rayon = 188 km

$$\widehat{GJ} = \frac{162}{360} \times \pi \times 188 \times 2 = 531,56 \text{ km}$$



Circonférence = 43,98 cm

$$\widehat{RT} = \frac{100}{360} \times 43,98 = 12,22 \text{ cm}$$