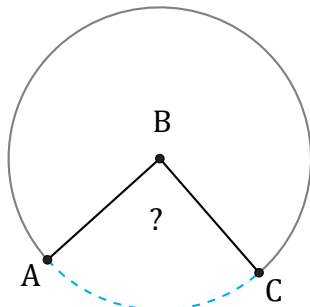


Longueurs d'un Arc de Cercle (F)

Nom: _____

Date: _____

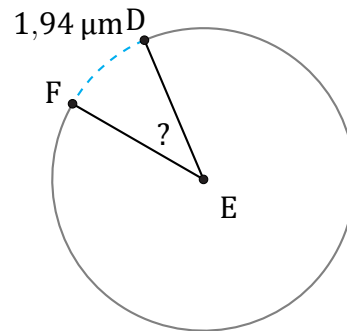
Calculez la longueur de l'angle du cercle.



15,53 mm

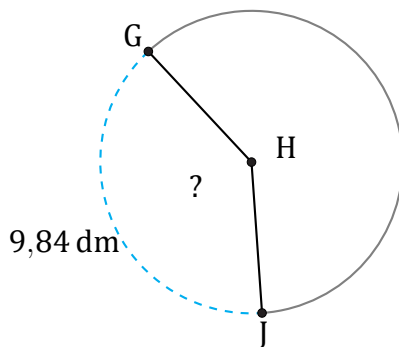
Rayon = 10 mm

$\angle ABC =$



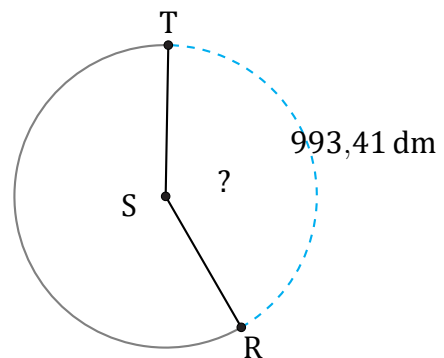
Diamètre = 6 μm

$\angle DEF =$



Diamètre = 8 dm

$\angle GHJ =$



Circonférence = 2400,18 dm

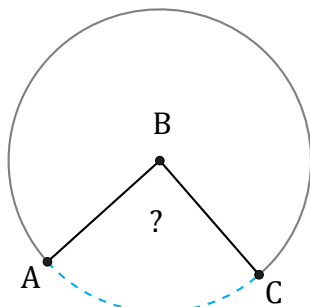
$\angle RST =$

Longueurs d'un Arc de Cercle (F) Réponses

Nom: _____

Date: _____

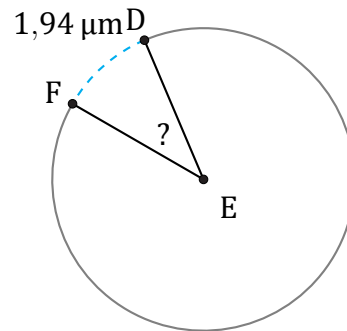
Calculez la longueur de l'angle du cercle.



15,53 mm

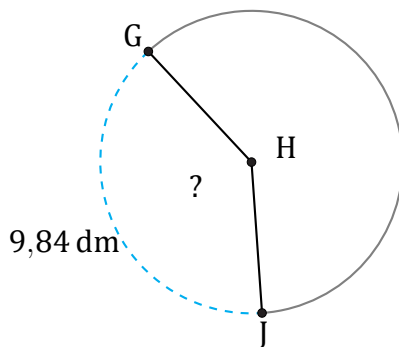
Rayon = 10 mm

$$\angle ABC = \frac{15,53}{10 \times \pi \times 2} \times 360 = 89^\circ$$



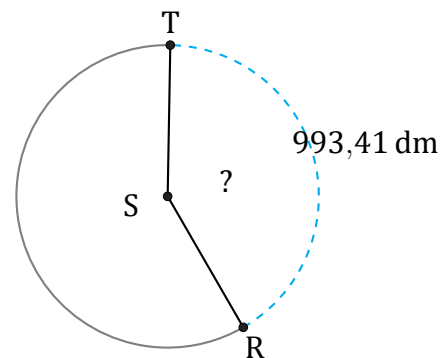
Diamètre = 6 μm

$$\angle DEF = \frac{1,94}{6 \times \pi} \times 360 = 37,1^\circ$$



Diamètre = 8 dm

$$\angle GHJ = \frac{9,84}{8 \times \pi} \times 360 = 140,9^\circ$$



Circonférence = 2400,18 dm

$$\angle RST = \frac{993,41}{2400,18} \times 360 = 149^\circ$$