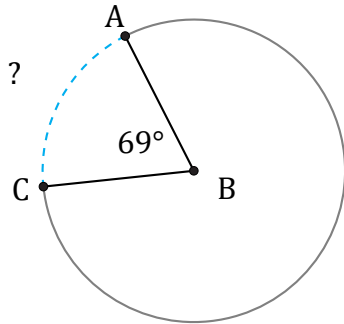


Angles et Longueurs d'un Arc de Cercle (C)

Nom: _____

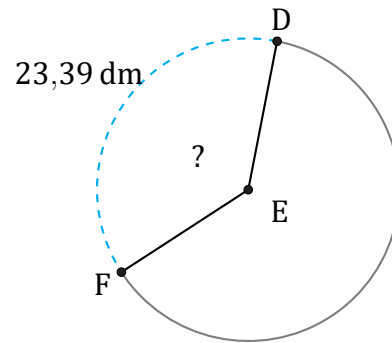
Date: _____

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



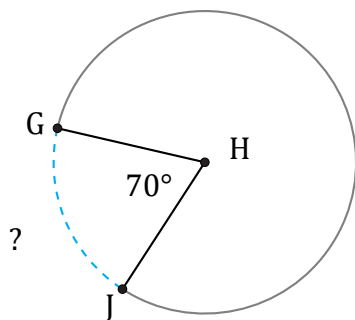
Diamètre = 576 m

$\widehat{AC} =$



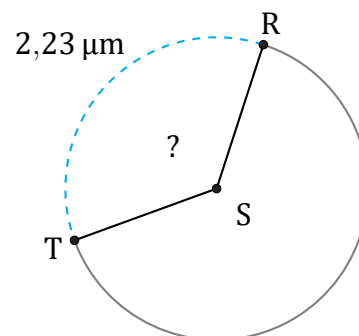
Diamètre = 20 dm

$\angle DEF =$



Diamètre = 38 μm

$\widehat{GJ} =$



Diamètre = 2 μm

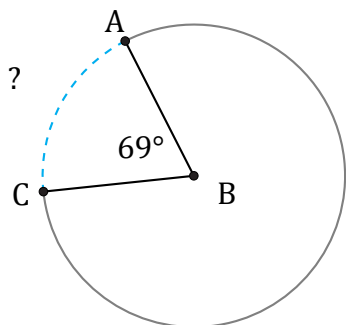
$\angle RST =$

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

Nom: _____

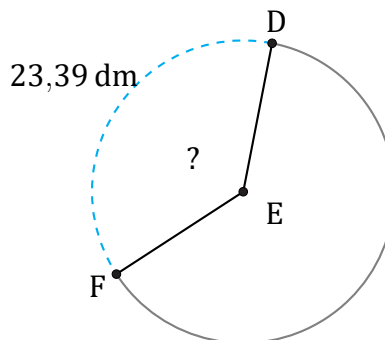
Date: _____

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



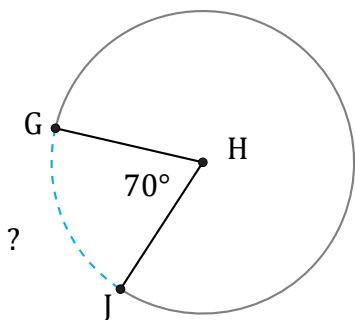
Diamètre = 576 m

$$\widehat{AC} = \frac{69}{360} \times \pi \times 576 = 346,83 \text{ m}$$



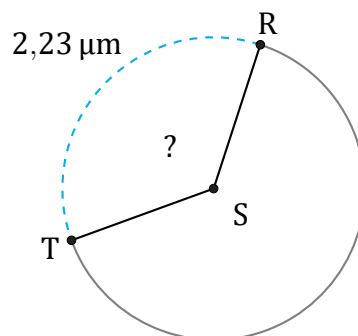
Diamètre = 20 dm

$$\angle DEF = \frac{23,39}{20 \times \pi} \times 360 = 134^\circ$$



Diamètre = 38 μm

$$\widehat{GJ} = \frac{70}{360} \times \pi \times 38 = 23,21 \mu\text{m}$$



Diamètre = 2 μm

$$\angle RST = \frac{2,23}{2 \times \pi} \times 360 = 127,8^\circ$$