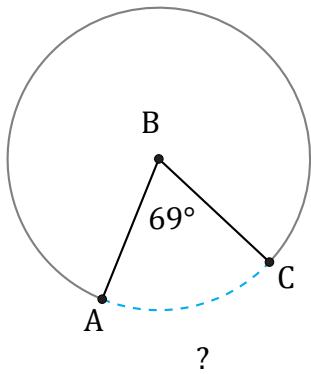


# Longueurs d'un Arc de Cercle (D)

Nom: \_\_\_\_\_

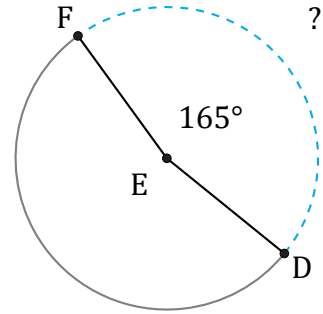
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



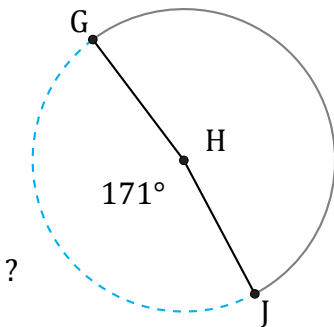
Diamètre = 66  $\mu\text{m}$

$\widehat{AC} =$



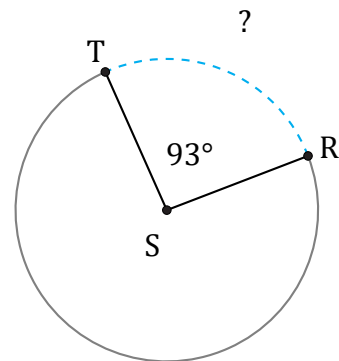
Diamètre = 180  $\mu\text{m}$

$\widehat{DF} =$



Diamètre = 8 dm

$\widehat{GJ} =$



Diamètre = 1768 m

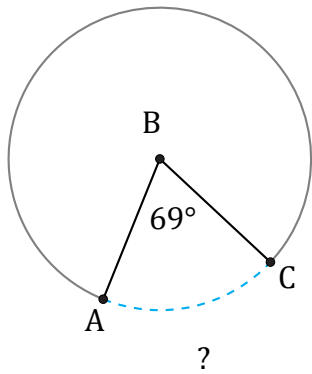
$\widehat{RT} =$

# Longueurs d'un Arc de Cercle (D) Réponses

Nom: \_\_\_\_\_

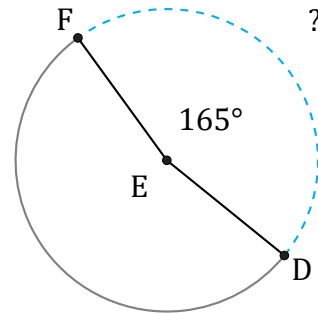
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



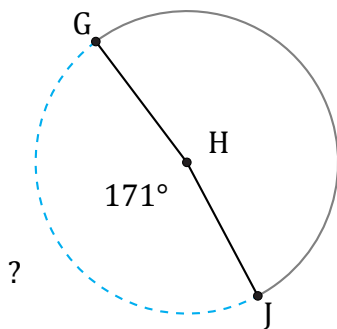
Diamètre = 66  $\mu\text{m}$

$$\widehat{AC} = \frac{69}{360} \times \pi \times 66 = 39,74 \mu\text{m}$$



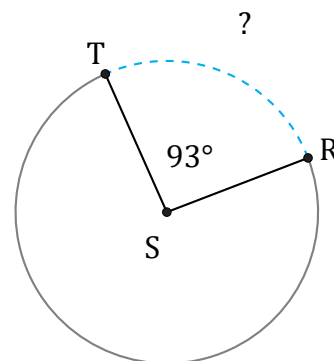
Diamètre = 180  $\mu\text{m}$

$$\widehat{DF} = \frac{165}{360} \times \pi \times 180 = 259,18 \mu\text{m}$$



Diamètre = 8 dm

$$\widehat{GJ} = \frac{171}{360} \times \pi \times 8 = 11,94 \text{ dm}$$



Diamètre = 1768 m

$$\widehat{RT} = \frac{93}{360} \times \pi \times 1768 = 1434,87 \text{ m}$$