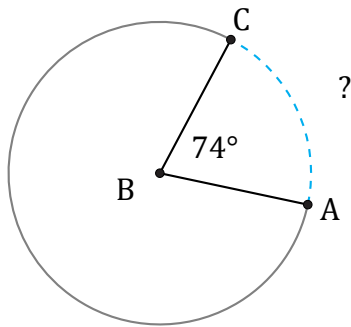


# Longueurs d'un Arc de Cercle (E)

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

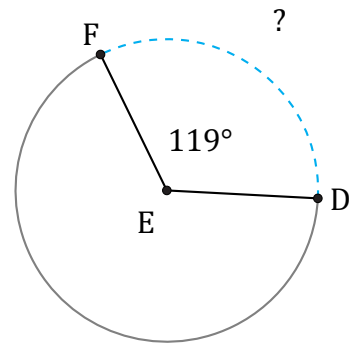
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



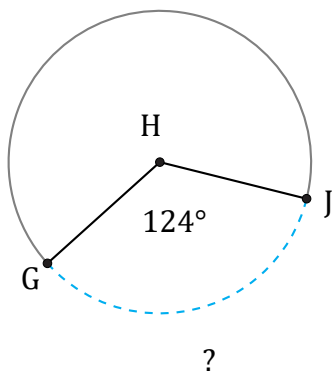
Diamètre = 16  $\mu\text{m}$

$\widehat{AC} =$



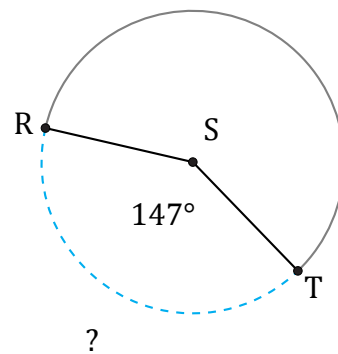
Diamètre = 4 hm

$\widehat{DF} =$



Diamètre = 712 po

$\widehat{GJ} =$



Diamètre = 12 m

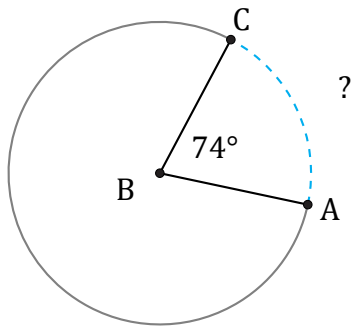
$\widehat{RT} =$

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

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

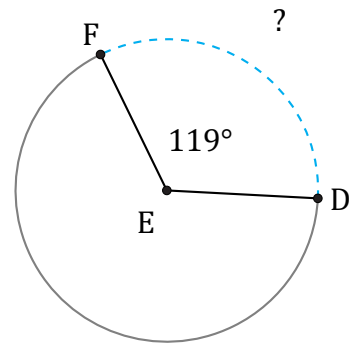
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



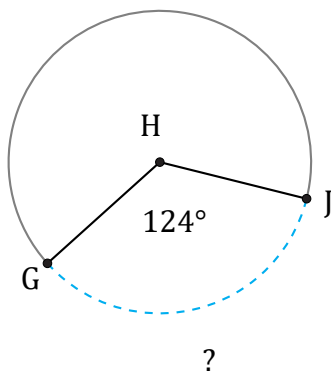
Diamètre = 16  $\mu\text{m}$

$$\widehat{AC} = \frac{74}{360} \times \pi \times 16 = 10,33 \mu\text{m}$$



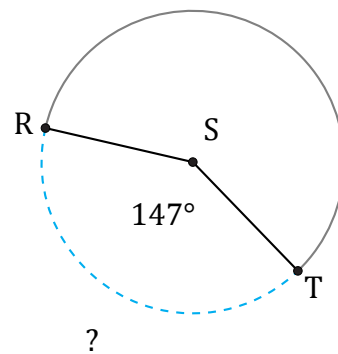
Diamètre = 4 hm

$$\widehat{DF} = \frac{119}{360} \times \pi \times 4 = 4,15 \text{ hm}$$



Diamètre = 712 po

$$\widehat{GJ} = \frac{124}{360} \times \pi \times 712 = 770,46 \text{ po}$$



Diamètre = 12 m

$$\widehat{RT} = \frac{147}{360} \times \pi \times 12 = 15,39 \text{ m}$$