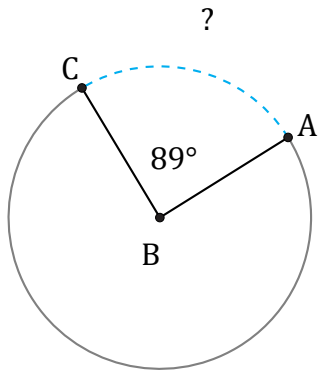


# Longueurs d'un Arc de Cercle (I)

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

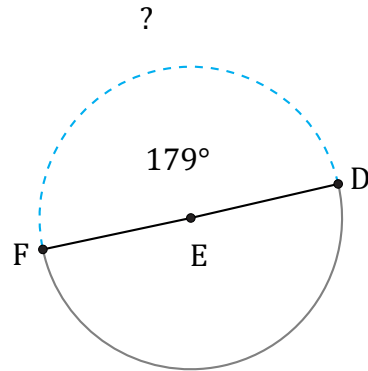
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



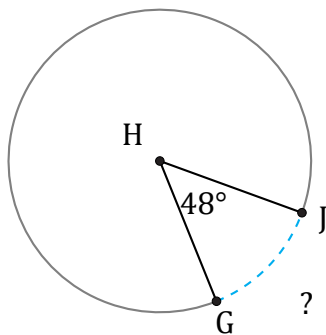
Diamètre = 918  $\mu\text{m}$

$\widehat{AC} =$



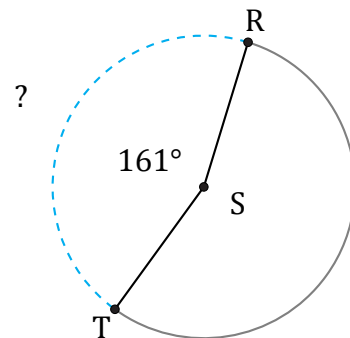
Diamètre = 4 m

$\widehat{DF} =$



Diamètre = 8 hm

$\widehat{GJ} =$



Diamètre = 18 po

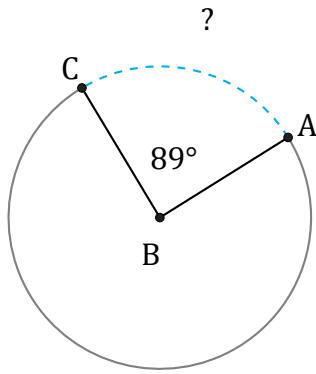
$\widehat{RT} =$

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

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

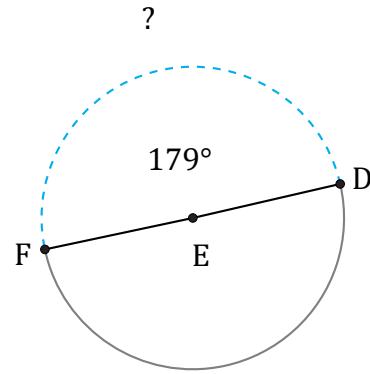
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



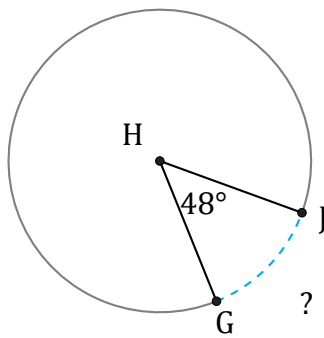
Diamètre = 918  $\mu\text{m}$

$$\widehat{AC} = \frac{89}{360} \times \pi \times 918 = 712,98 \mu\text{m}$$



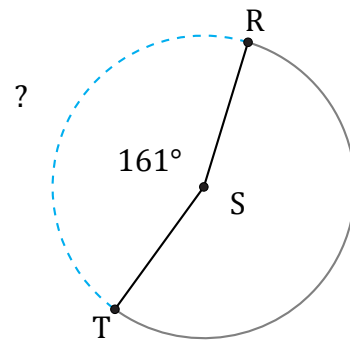
Diamètre = 4 m

$$\widehat{DF} = \frac{179}{360} \times \pi \times 4 = 6,25 \text{ m}$$



Diamètre = 8 hm

$$\widehat{GJ} = \frac{48}{360} \times \pi \times 8 = 3,35 \text{ hm}$$



Diamètre = 18 po

$$\widehat{RT} = \frac{161}{360} \times \pi \times 18 = 25,29 \text{ po}$$