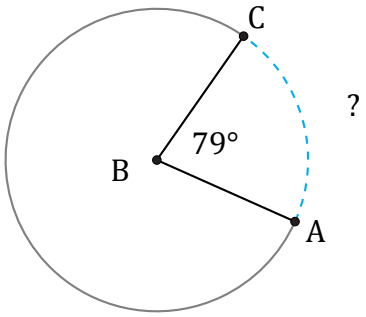
Longueurs d'un Arc de Cercle (D)

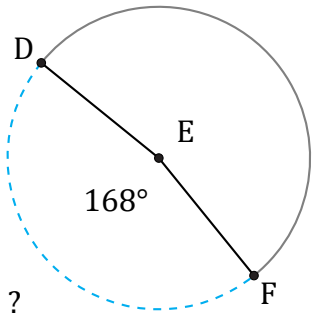
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



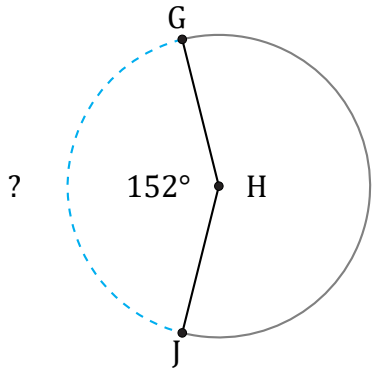
Circonférence = 2582,39 hm

$\overset{\frown}{AC}$ =



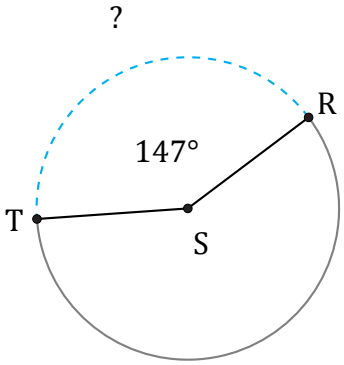
Rayon = 91 mm

$\overset{\frown}{DF}$ =



Circonférence = 408,41 µm

$\overset{\frown}{GJ}$ =



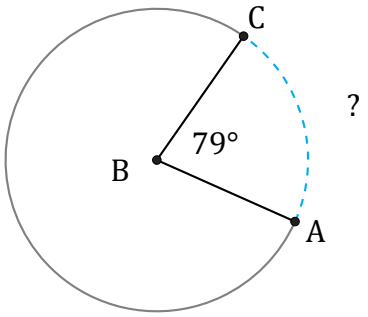
Diamètre = 402 mm

$\overset{\frown}{RT}$ =

Longueurs d'un Arc de Cercle (D) Réponses

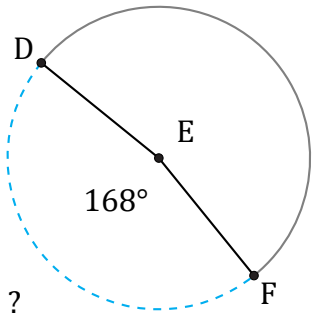
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



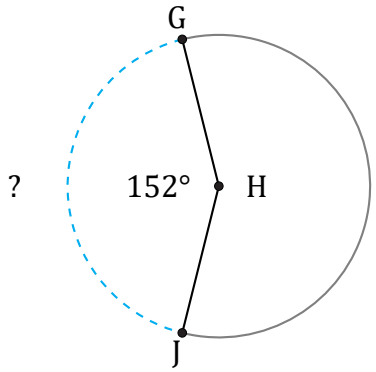
Circonférence = 2582,39 hm

$\widehat{AC} = \frac{79}{360} \times 2582{,}39 = 566{,}69$ hm



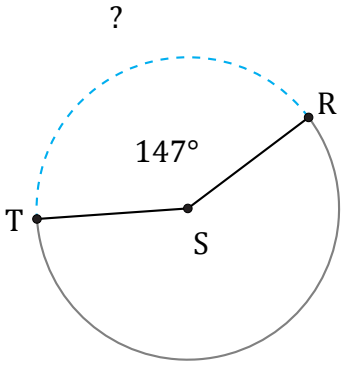
Rayon = 91 mm

$\widehat{DF} = \frac{168}{360} \times \pi \times 91 \times 2 = 266{,}83$ mm



Circonférence = 408,41 µm

$\widehat{GJ} = \frac{152}{360} \times 408{,}41 = 172{,}44$ µm



Diamètre = 402 mm

$\widehat{RT} = \frac{147}{360} \times \pi \times 402 = 515{,}69$ mm