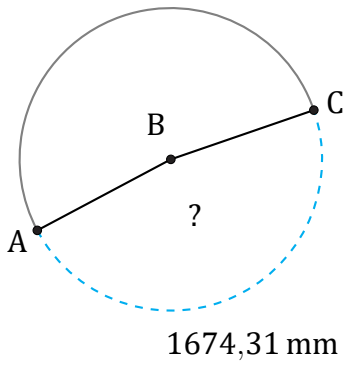


Angles et Longueurs d'un Arc de Cercle (F)

Nom: _____

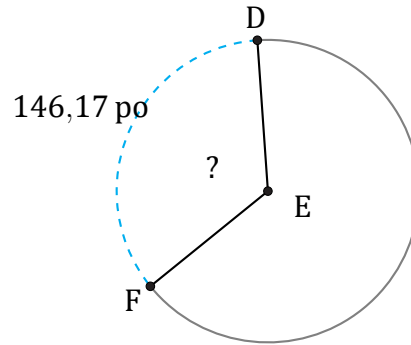
Date: _____

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



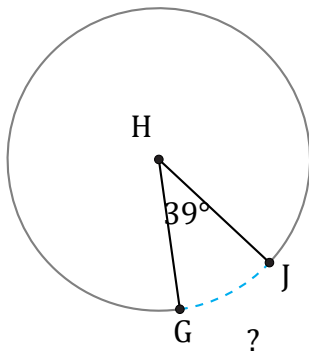
Rayon = 561 mm

$\angle ABC =$



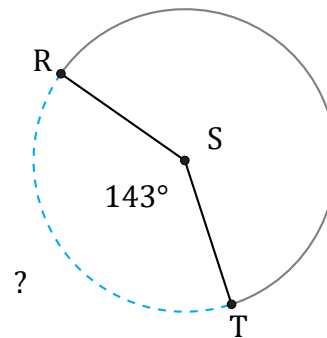
Rayon = 67 po

$\angle DEF =$



Rayon = 75 cm

$\widehat{GJ} =$



Rayon = 7 μm

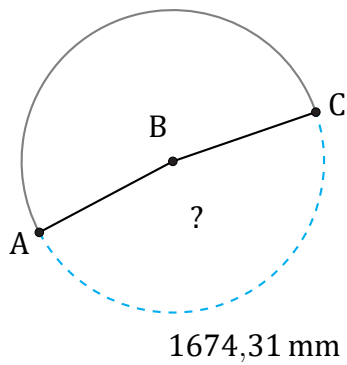
$\widehat{RT} =$

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

Nom: _____

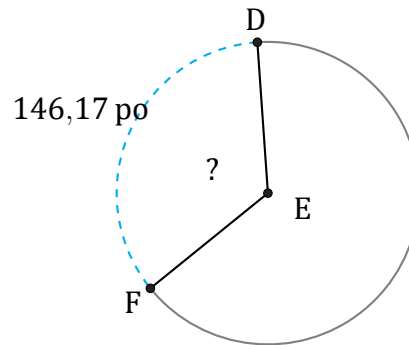
Date: _____

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



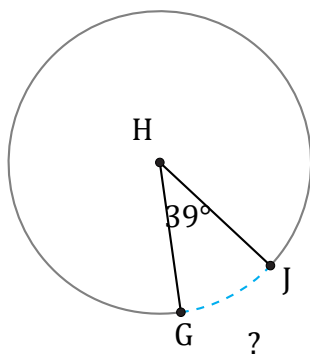
Rayon = 561 mm

$$\angle ABC = \frac{1674,31}{561 \times \pi \times 2} \times 360 = 171^\circ$$



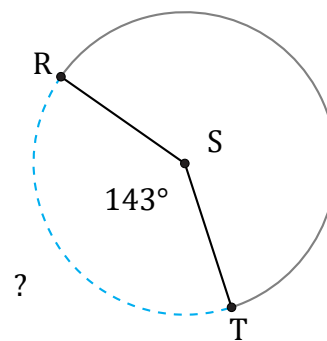
Rayon = 67 po

$$\angle DEF = \frac{146,17}{67 \times \pi \times 2} \times 360 = 125^\circ$$



Rayon = 75 cm

$$\widehat{GJ} = \frac{39}{360} \times \pi \times 75 \times 2 = 51,05 \text{ cm}$$



Rayon = 7 μm

$$\widehat{RT} = \frac{143}{360} \times \pi \times 7 \times 2 = 17,47 \mu\text{m}$$