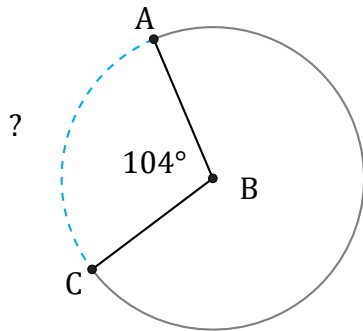


Longueurs d'un Arc de Cercle (F)

Nom: _____

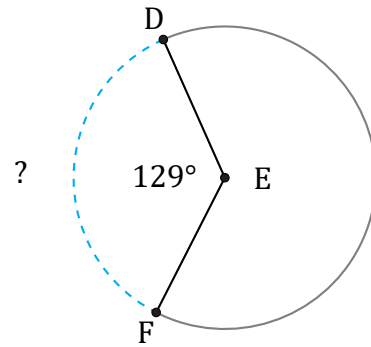
Date: _____

Calculez la longueur de l'angle du cercle.



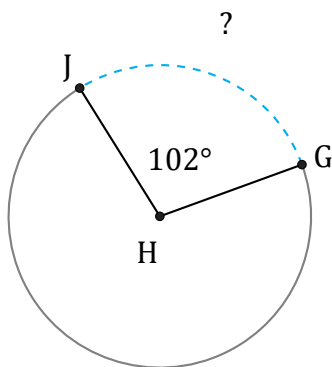
Diamètre = 42 hm

$\widehat{AC} =$



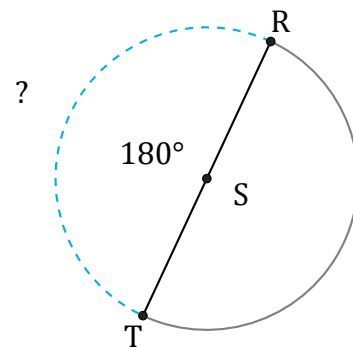
Diamètre = 118 m

$\widehat{DF} =$



Diamètre = 12 cm

$\widehat{GJ} =$



Diamètre = 1572 m

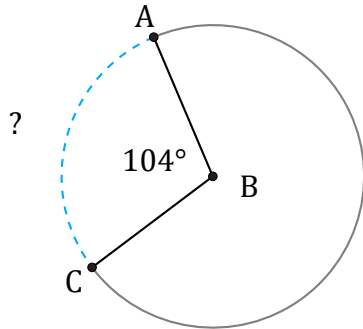
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (F) Réponses

Nom: _____

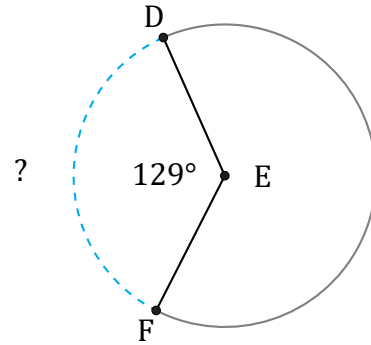
Date: _____

Calculez la longueur de l'angle du cercle.



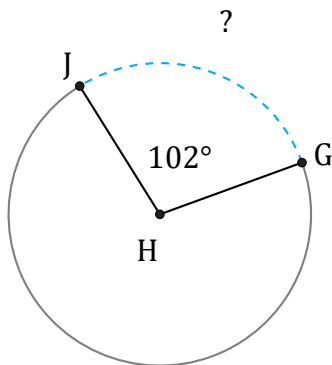
Diamètre = 42 hm

$$\widehat{AC} = \frac{104}{360} \times \pi \times 42 = 38,12 \text{ hm}$$



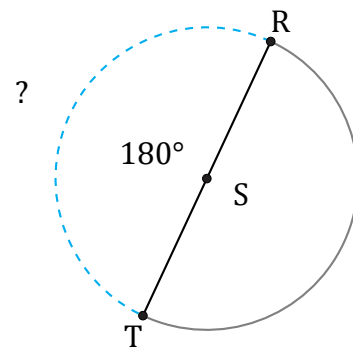
Diamètre = 118 m

$$\widehat{DF} = \frac{129}{360} \times \pi \times 118 = 132,84 \text{ m}$$



Diamètre = 12 cm

$$\widehat{GJ} = \frac{102}{360} \times \pi \times 12 = 10,68 \text{ cm}$$



Diamètre = 1572 m

$$\widehat{RT} = \frac{180}{360} \times \pi \times 1572 = 2469,29 \text{ m}$$