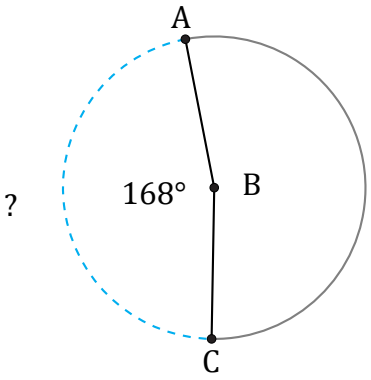
Longueurs d'un Arc de Cercle (I)

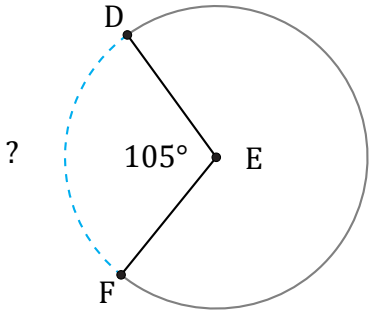
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



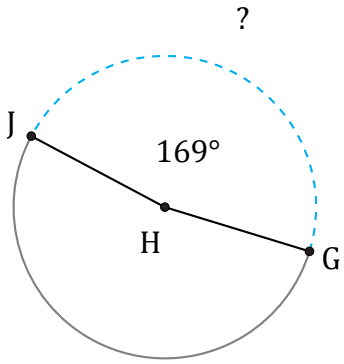
Rayon = 3 hm

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



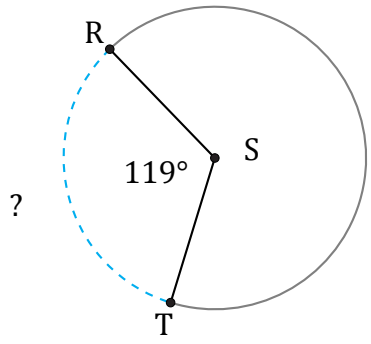
Diamètre = 48 dm

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



Diamètre = 12 km

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



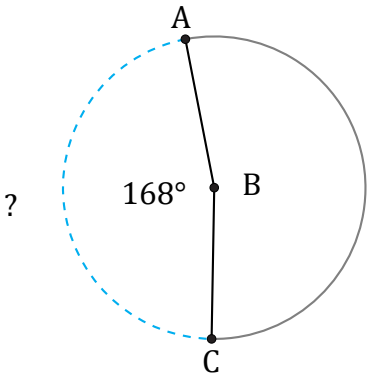
Rayon = 2 dm

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

Longueurs d'un Arc de Cercle (I) Réponses

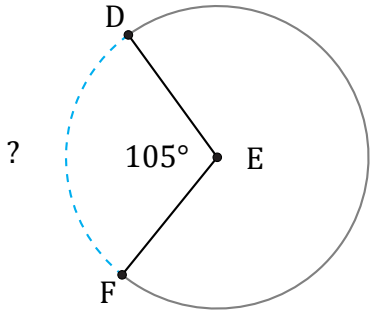
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



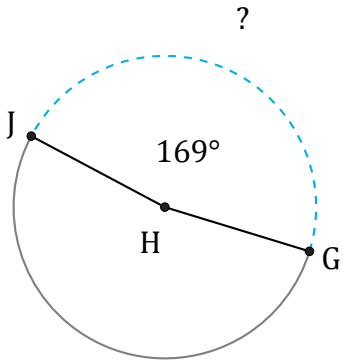
Rayon = 3 hm

$\overset{\frown}{AC} = \frac{168}{360} \times \pi \times 3 \times 2 = 8{,}8\,\text{hm}$



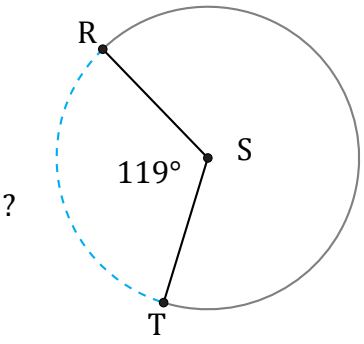
Diamètre = 48 dm

$\overset{\frown}{DF} = \frac{105}{360} \times \pi \times 48 = 43{,}98\,\text{dm}$



Diamètre = 12 km

$\overset{\frown}{GJ} = \frac{169}{360} \times \pi \times 12 = 17{,}7\,\text{km}$



Rayon = 2 dm

$\overset{\frown}{RT} = \frac{119}{360} \times \pi \times 2 \times 2 = 4{,}15\,\text{dm}$