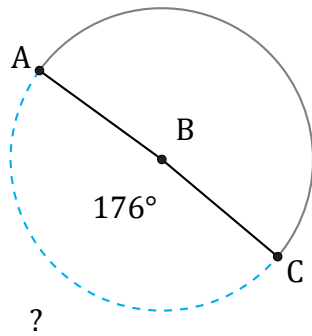


Longueurs d'un Arc de Cercle (E)

Nom: _____

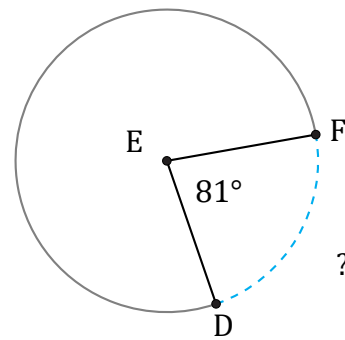
Date: _____

Calculez la longueur de l'angle du cercle.



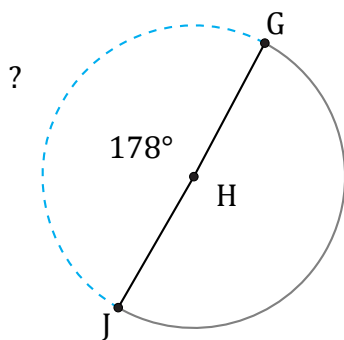
Rayon = 75 po

$\widehat{AC} =$



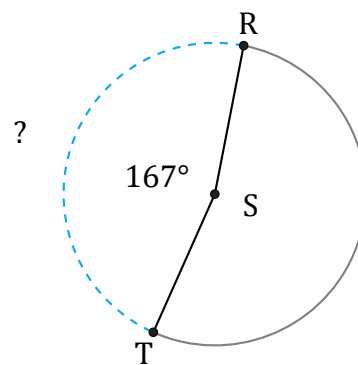
Diamètre = 132 po

$\widehat{DF} =$



Rayon = 802 hm

$\widehat{GJ} =$



Diamètre = 80 hm

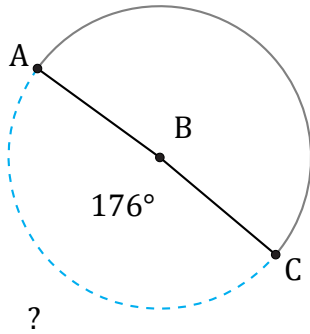
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (E) Réponses

Nom: _____

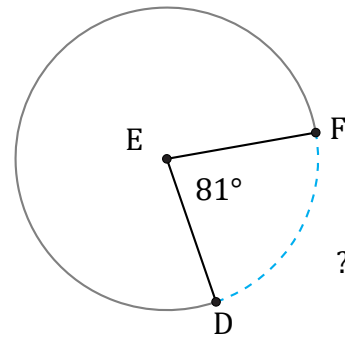
Date: _____

Calculez la longueur de l'angle du cercle.



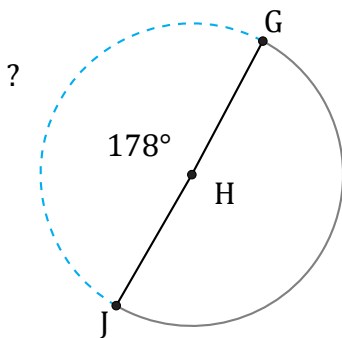
Rayon = 75 po

$$\widehat{AC} = \frac{176}{360} \times \pi \times 75 \times 2 = 230,38 \text{ po}$$



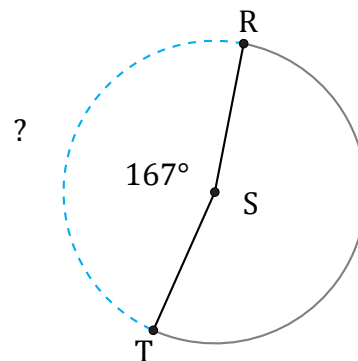
Diamètre = 132 po

$$\widehat{DF} = \frac{81}{360} \times \pi \times 132 = 93,31 \text{ po}$$



Rayon = 802 hm

$$\widehat{GJ} = \frac{178}{360} \times \pi \times 802 \times 2 = 2491,56 \text{ hm}$$



Diamètre = 80 hm

$$\widehat{RT} = \frac{167}{360} \times \pi \times 80 = 116,59 \text{ hm}$$