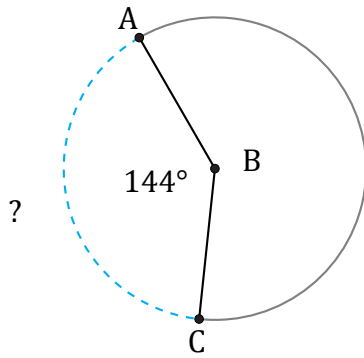


Angles et Longueurs d'un Arc de Cercle (H)

Nom: _____

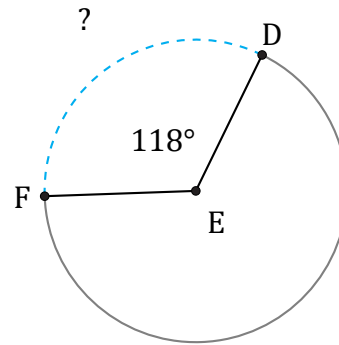
Date: _____

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



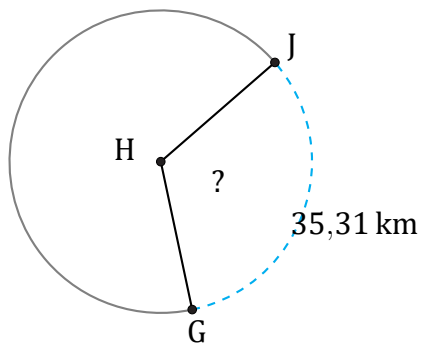
Circonférence = 75,4 m

$\widehat{AC} =$



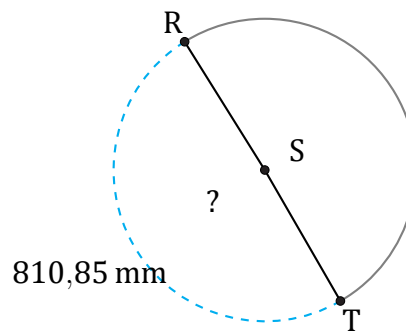
Circonférence = 4234,87 po

$\widehat{DF} =$



Circonférence = 106,81 km

$\angle GHJ =$



Circonférence = 1639,91 mm

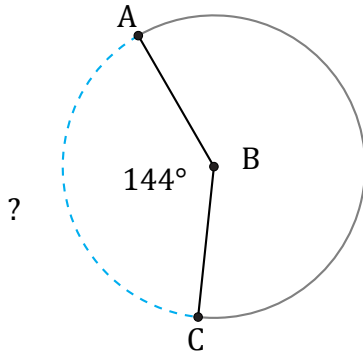
$\angle RST =$

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

Nom: _____

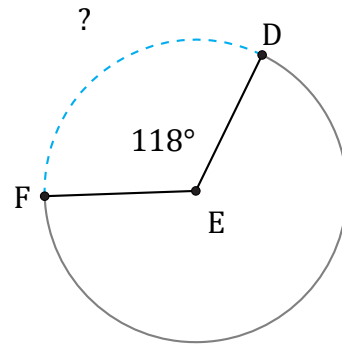
Date: _____

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



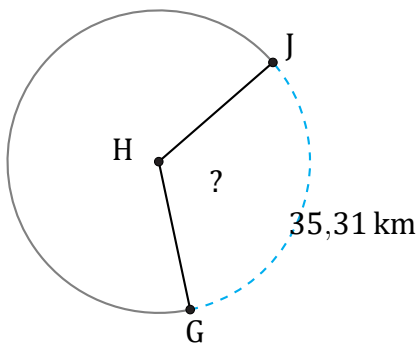
Circonférence = 75,4 m

$$\widehat{AC} = \frac{144}{360} \times 75,4 = 30,16 \text{ m}$$



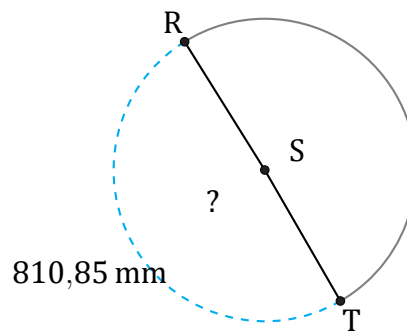
Circonférence = 4234,87 po

$$\widehat{DF} = \frac{118}{360} \times 4234,87 = 1388,1 \text{ po}$$



Circonférence = 106,81 km

$$\angle GHJ = \frac{35,31}{106,81} \times 360 = 119^\circ$$



Circonférence = 1639,91 mm

$$\angle RST = \frac{810,85}{1639,91} \times 360 = 178^\circ$$