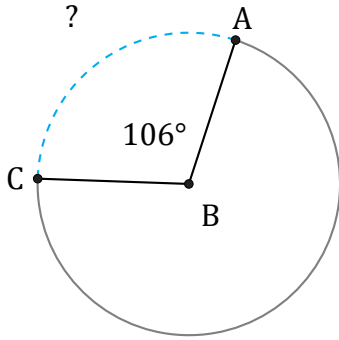


Angles et Longueurs d'un Arc de Cercle (F)

Nom: _____

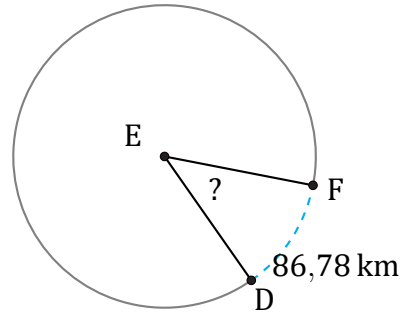
Date: _____

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



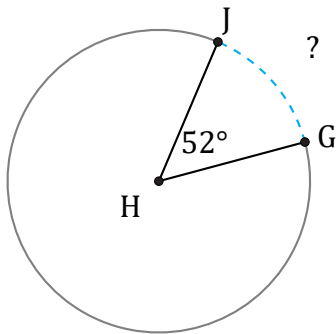
Rayon = 498 μm

$\widehat{AC} =$



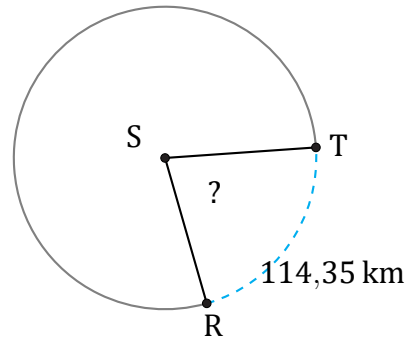
Rayon = 113 km

$\angle DEF =$



Diamètre = 1796 po

$\widehat{GJ} =$



Diamètre = 168 km

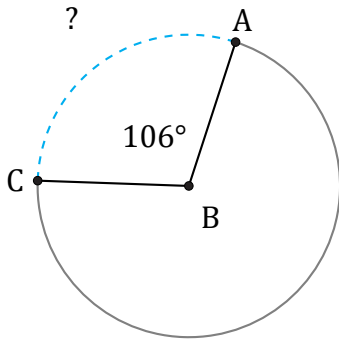
$\angle RST =$

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

Nom: _____

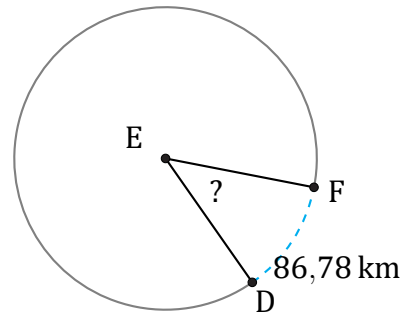
Date: _____

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



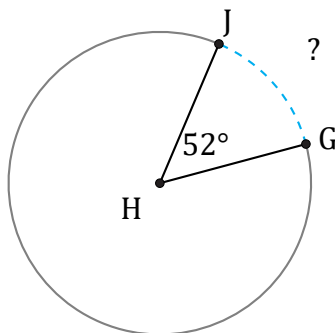
Rayon = 498 μm

$$\widehat{AC} = \frac{106}{360} \times \pi \times 498 \times 2 = 921,32 \mu\text{m}$$



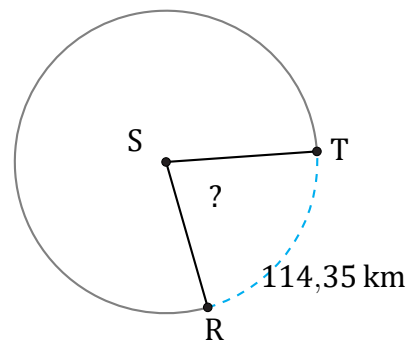
Rayon = 113 km

$$\angle DEF = \frac{86,78}{113 \times \pi \times 2} \times 360 = 44^\circ$$



Diamètre = 1796 po

$$\widehat{GJ} = \frac{52}{360} \times \pi \times 1796 = 815 \text{ po}$$



Diamètre = 168 km

$$\angle RST = \frac{114,35}{168 \times \pi} \times 360 = 78^\circ$$