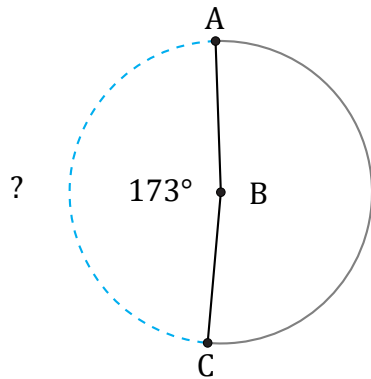


Angles et Longueurs d'un Arc de Cercle (H)

Nom: _____

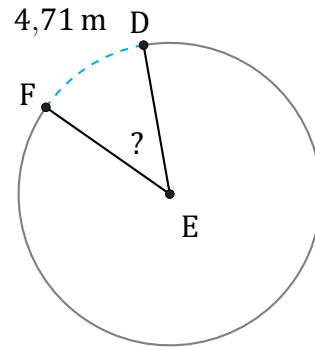
Date: _____

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



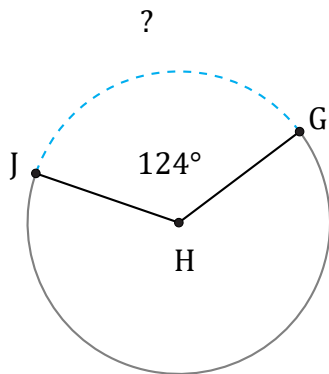
Rayon = 8 km

$\widehat{AC} =$



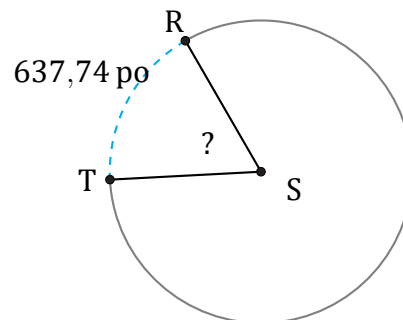
Diamètre = 12 m

$\angle DEF =$



Diamètre = 6 km

$\widehat{GJ} =$



Circonférence = 3644,25 po

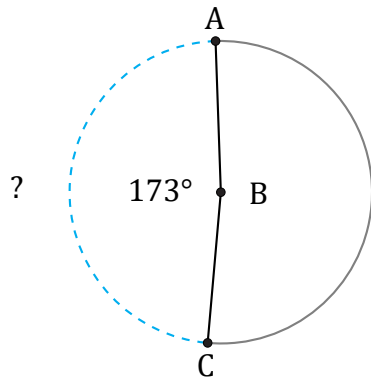
$\angle RST =$

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

Nom: _____

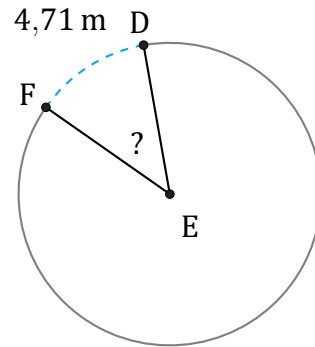
Date: _____

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



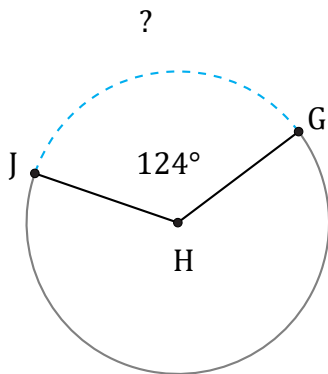
Rayon = 8 km

$$\widehat{AC} = \frac{173}{360} \times \pi \times 8 \times 2 = 24,16 \text{ km}$$



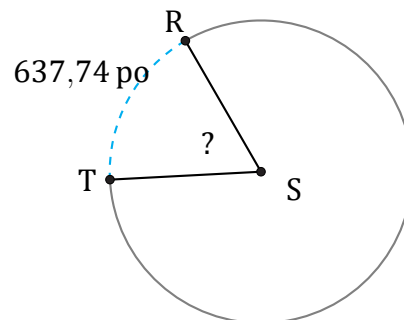
Diamètre = 12 m

$$\angle DEF = \frac{4,71}{12 \times \pi} \times 360 = 45^\circ$$



Diamètre = 6 km

$$\widehat{GJ} = \frac{124}{360} \times \pi \times 6 = 6,49 \text{ km}$$



Circonférence = 3644,25 po

$$\angle RST = \frac{637,74}{3644,25} \times 360 = 63^\circ$$