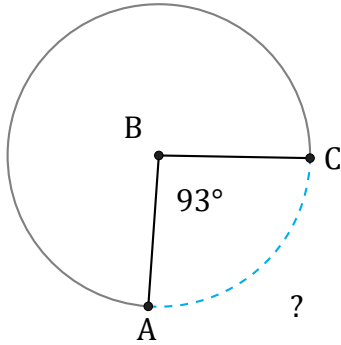


# Longueurs d'un Arc de Cercle (C)

Nom: \_\_\_\_\_

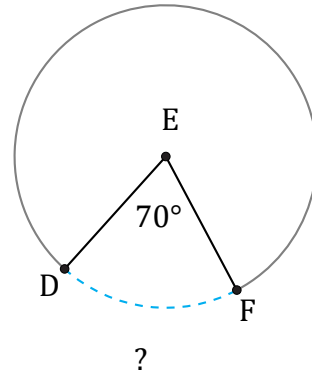
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



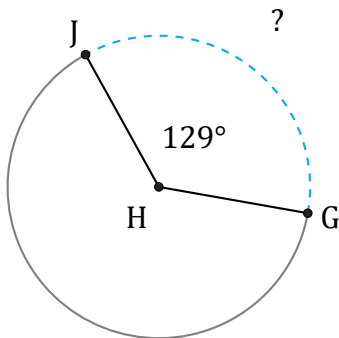
Diamètre = 520 km

$\widehat{AC} =$



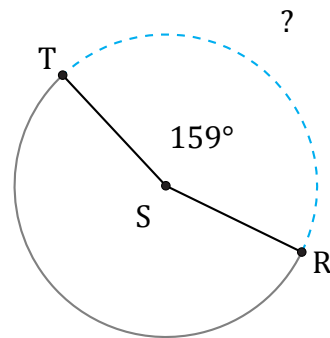
Diamètre = 756 m

$\widehat{DF} =$



Diamètre = 894 po

$\widehat{Gj} =$



Diamètre = 944 m

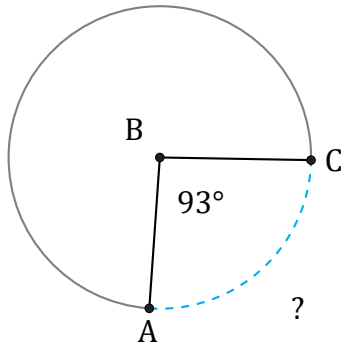
$\widehat{RT} =$

# Longueurs d'un Arc de Cercle (C) Réponses

Nom: \_\_\_\_\_

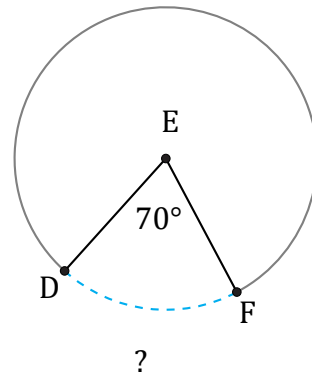
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



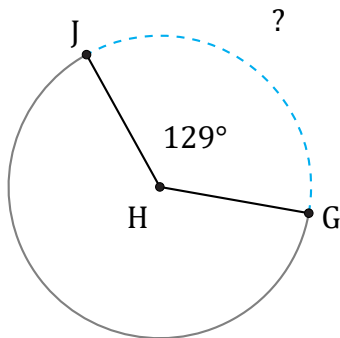
Diamètre = 520 km

$$\widehat{AC} = \frac{93}{360} \times \pi \times 520 = 422,02 \text{ km}$$



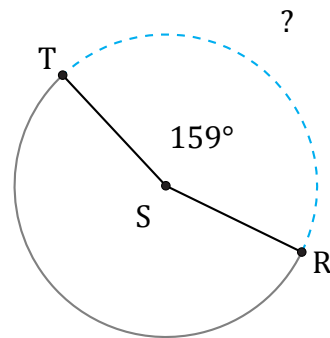
Diamètre = 756 m

$$\widehat{DF} = \frac{70}{360} \times \pi \times 756 = 461,81 \text{ m}$$



Diamètre = 894 po

$$\widehat{GJ} = \frac{129}{360} \times \pi \times 894 = 1006,41 \text{ po}$$



Diamètre = 944 m

$$\widehat{RT} = \frac{159}{360} \times \pi \times 944 = 1309,83 \text{ m}$$