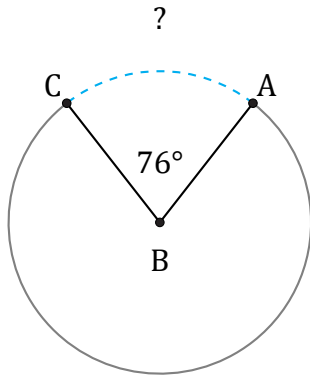


# Longueurs d'un Arc de Cercle (C)

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

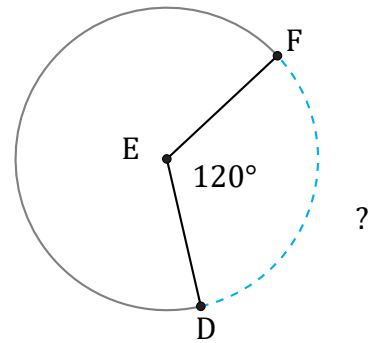
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



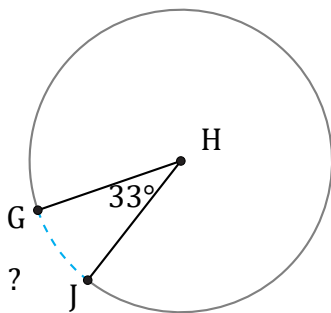
Circonférence = 56,55 mm

$\widehat{AC} =$



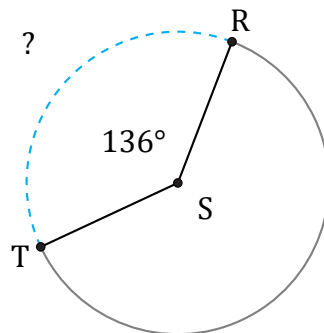
Circonférence = 552,92 m

$\widehat{DF} =$



Circonférence = 2733,19 mm

$\widehat{GJ} =$



Circonférence = 2997,08 km

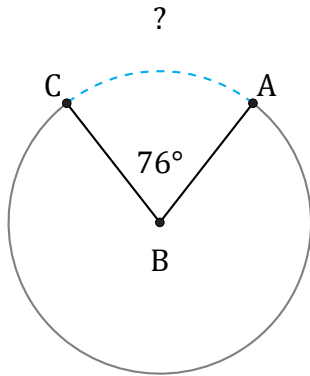
$\widehat{RT} =$

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

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

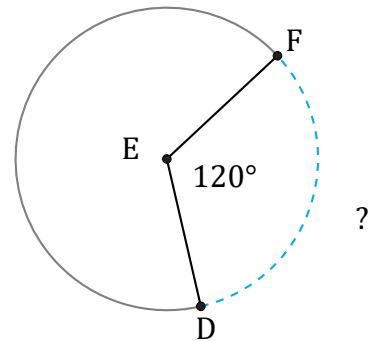
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



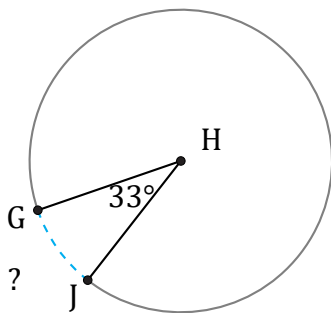
Circonférence = 56,55 mm

$$\widehat{AC} = \frac{76}{360} \times 56,55 = 11,94 \text{ mm}$$



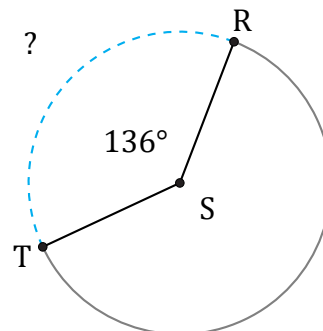
Circonférence = 552,92 m

$$\widehat{DF} = \frac{120}{360} \times 552,92 = 184,31 \text{ m}$$



Circonférence = 2733,19 mm

$$\widehat{GJ} = \frac{33}{360} \times 2733,19 = 250,54 \text{ mm}$$



Circonférence = 2997,08 km

$$\widehat{RT} = \frac{136}{360} \times 2997,08 = 1132,23 \text{ km}$$