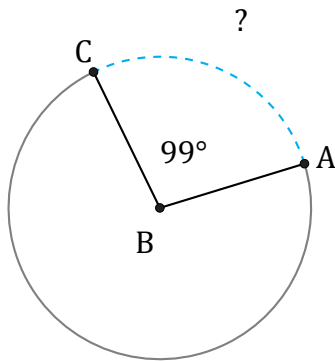


Longueurs d'un Arc de Cercle (D)

Nom: _____

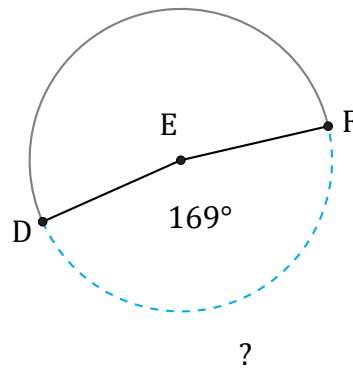
Date: _____

Calculez la longueur de l'angle du cercle.



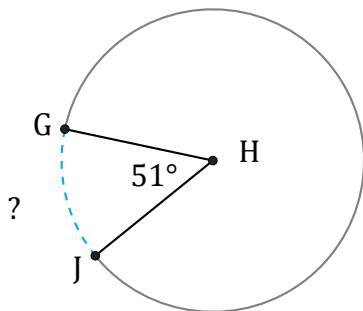
Diamètre = 186 po

$\widehat{AC} =$



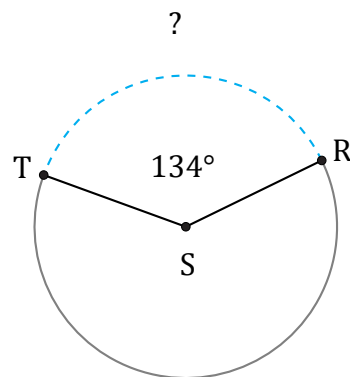
Rayon = 46 km

$\widehat{DF} =$



Rayon = 55 mm

$\widehat{GJ} =$



Diamètre = 6 m

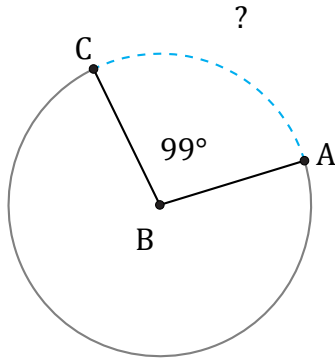
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (D) Réponses

Nom: _____

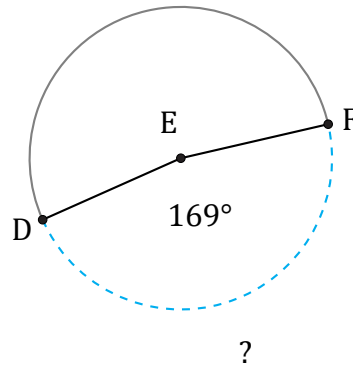
Date: _____

Calculez la longueur de l'angle du cercle.



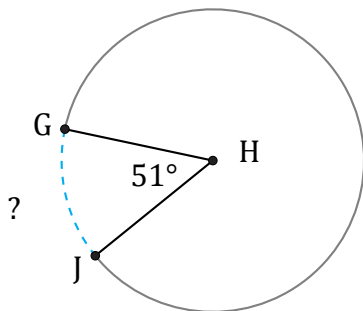
Diamètre = 186 po

$$\widehat{AC} = \frac{99}{360} \times \pi \times 186 = 160,69 \text{ po}$$



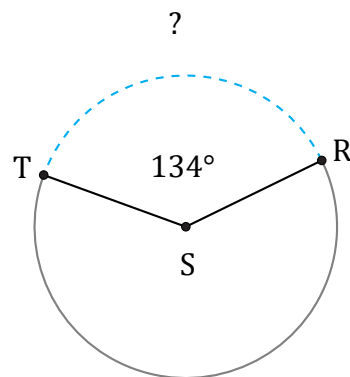
Rayon = 46 km

$$\widehat{DF} = \frac{169}{360} \times \pi \times 46 \times 2 = 135,68 \text{ km}$$



Rayon = 55 mm

$$\widehat{GJ} = \frac{51}{360} \times \pi \times 55 \times 2 = 48,96 \text{ mm}$$



Diamètre = 6 m

$$\widehat{RT} = \frac{134}{360} \times \pi \times 6 = 7,02 \text{ m}$$