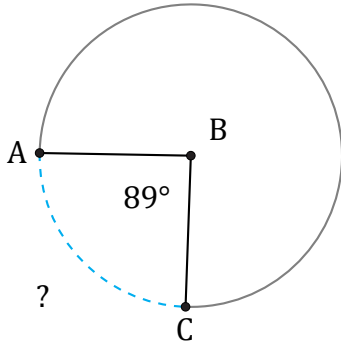


# Longueurs d'un Arc de Cercle (C)

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

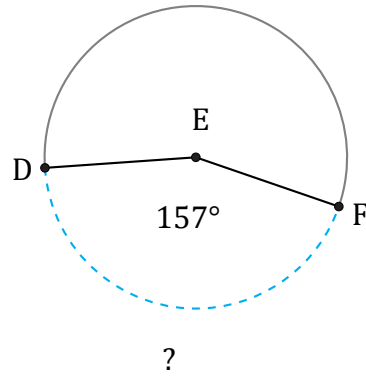
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



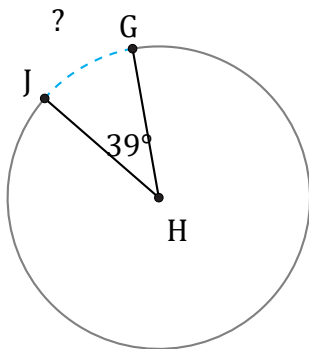
Rayon = 7 po

$\widehat{AC} =$



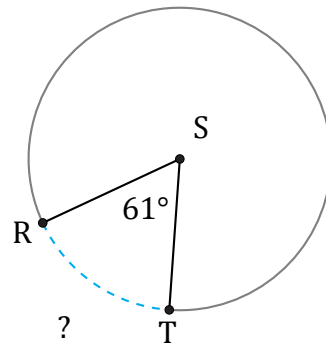
Rayon = 54 po

$\widehat{DF} =$



Diamètre = 272 hm

$\widehat{GJ} =$



Diamètre = 1172 dm

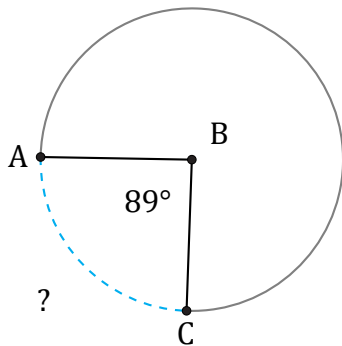
$\widehat{RT} =$

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

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

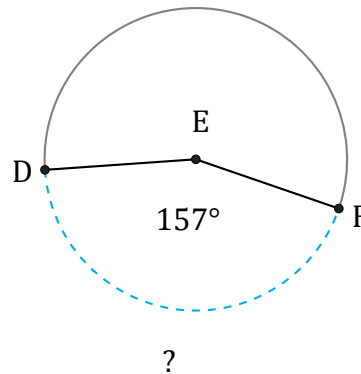
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



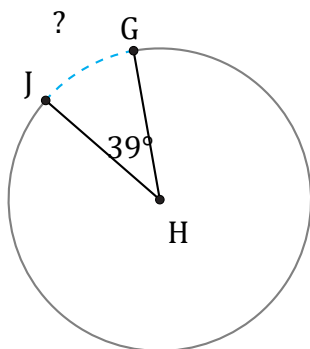
Rayon = 7 po

$$\widehat{AC} = \frac{89}{360} \times \pi \times 7 \times 2 = 10,87 \text{ po}$$



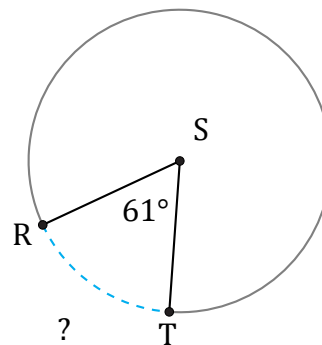
Rayon = 54 po

$$\widehat{DF} = \frac{157}{360} \times \pi \times 54 \times 2 = 147,97 \text{ po}$$



Diamètre = 272 hm

$$\widehat{GJ} = \frac{39}{360} \times \pi \times 272 = 92,57 \text{ hm}$$



Diamètre = 1172 dm

$$\widehat{RT} = \frac{61}{360} \times \pi \times 1172 = 623,89 \text{ dm}$$