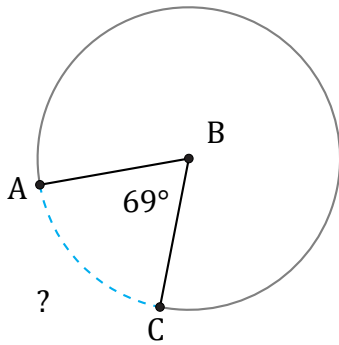


# Longueurs d'un Arc de Cercle (J)

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

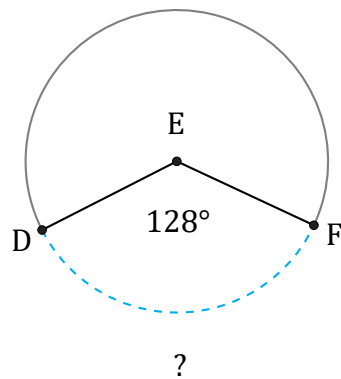
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



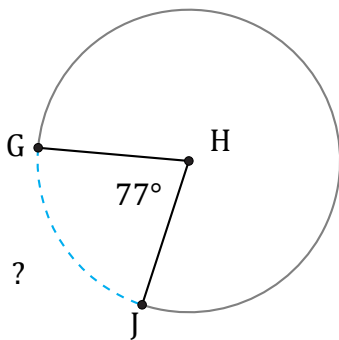
Diamètre = 8 cm

$\widehat{AC} =$



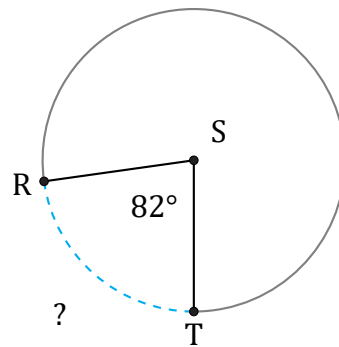
Circonférence = 5912,48 hm

$\widehat{DF} =$



Rayon = 5 po

$\widehat{GJ} =$



Diamètre = 16 hm

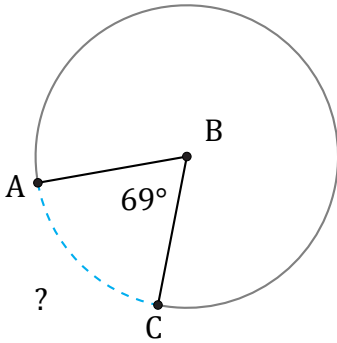
$\widehat{RT} =$

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

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

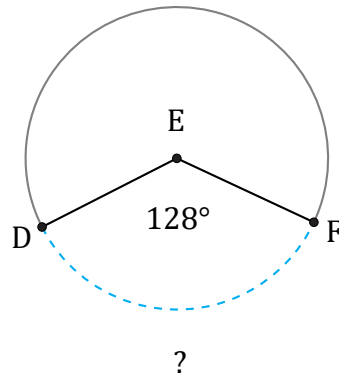
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



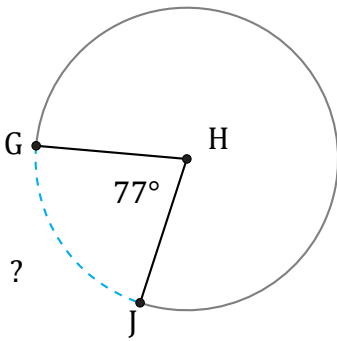
Diamètre = 8 cm

$$\widehat{AC} = \frac{69}{360} \times \pi \times 8 = 4,82 \text{ cm}$$



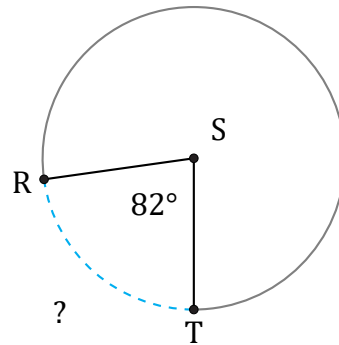
Circonférence = 5912,48 hm

$$\widehat{DF} = \frac{128}{360} \times 5912,48 = 2102,22 \text{ hm}$$



Rayon = 5 po

$$\widehat{GJ} = \frac{77}{360} \times \pi \times 5 \times 2 = 6,72 \text{ po}$$



Diamètre = 16 hm

$$\widehat{RT} = \frac{82}{360} \times \pi \times 16 = 11,45 \text{ hm}$$