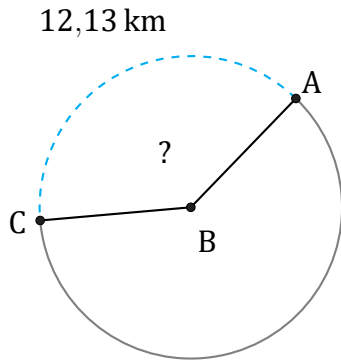


# Longueurs d'un Arc de Cercle (D)

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

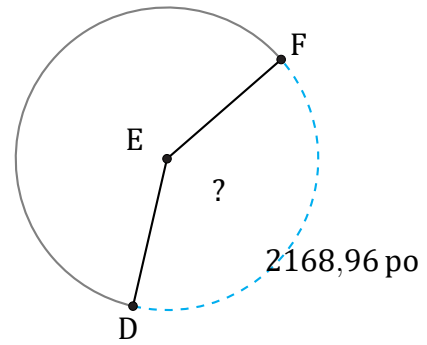
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



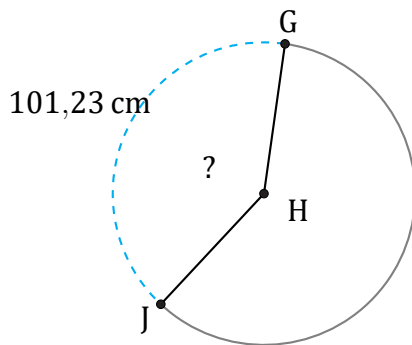
Diamètre = 10 km

$\angle ABC =$



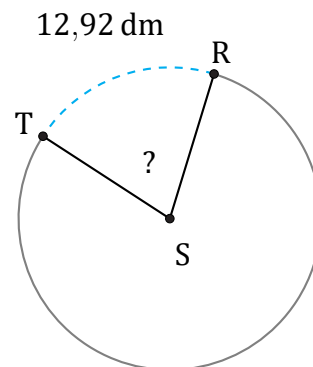
Diamètre = 1726 po

$\angle DEF =$



Circonférence = 251,33 cm

$\angle GHJ =$



Rayon = 10 dm

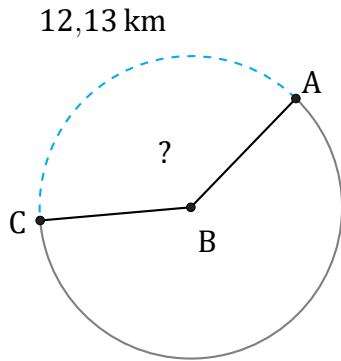
$\angle RST =$

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

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

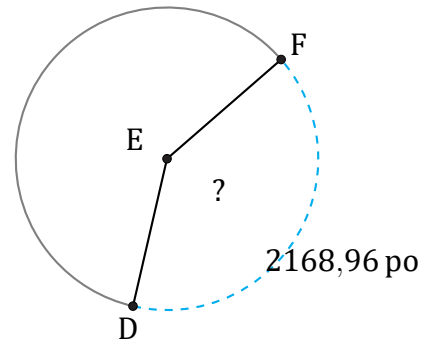
Date: \_\_\_\_\_

Calculez la longueur de l'angle du cercle.



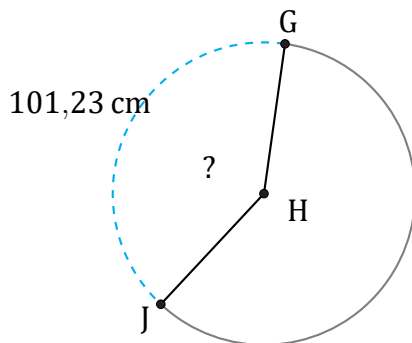
Diamètre = 10 km

$$\angle ABC = \frac{12,13}{10 \times \pi} \times 360 = 139^\circ$$



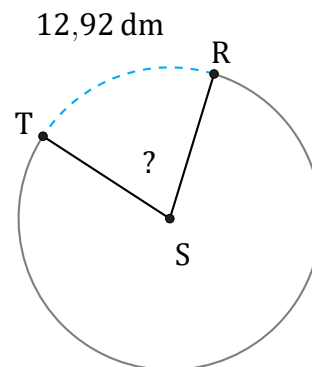
Diamètre = 1726 po

$$\angle DEF = \frac{2168,96}{1726 \times \pi} \times 360 = 144^\circ$$



Circonférence = 251,33 cm

$$\angle GHJ = \frac{101,23}{251,33} \times 360 = 145^\circ$$



Rayon = 10 dm

$$\angle RST = \frac{12,92}{10 \times \pi \times 2} \times 360 = 74^\circ$$