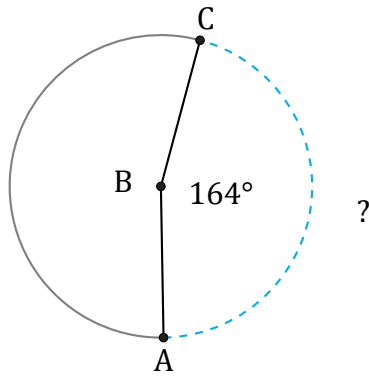


# Angles et Longueurs d'un Arc de Cercle (E)

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

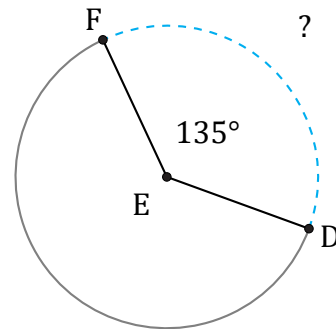
Date: \_\_\_\_\_

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



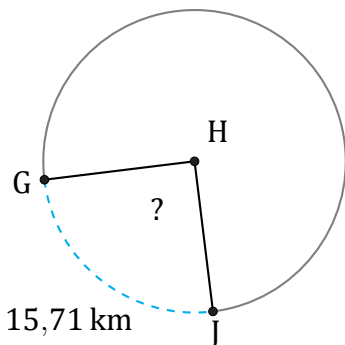
Circonférence = 50,27 mm

$\widehat{AC} =$



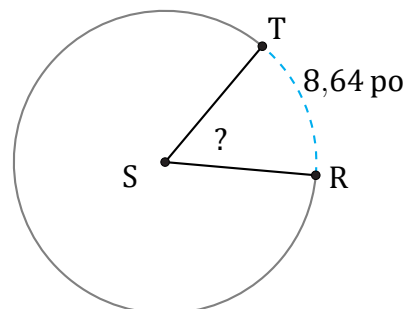
Circonférence = 1809,56 cm

$\widehat{DF} =$



Circonférence = 62,83 km

$\angle GHJ =$



Circonférence = 56,55 po

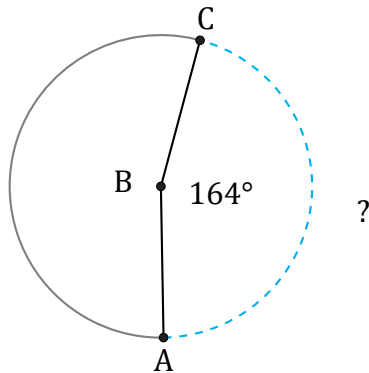
$\angle RST =$

# Angles et Longueurs d'un Arc de Cercle (E) Réponses

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

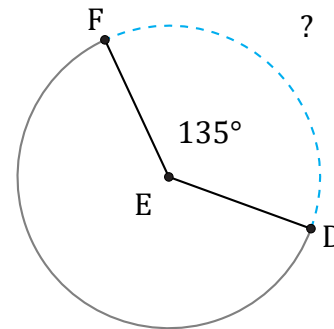
Date: \_\_\_\_\_

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



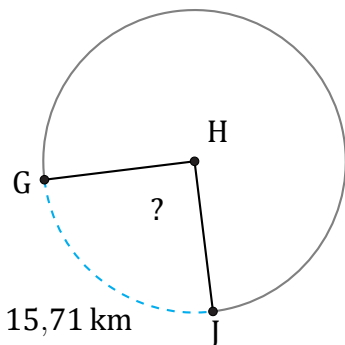
Circonférence = 50,27 mm

$$\widehat{AC} = \frac{164}{360} \times 50,27 = 22,9 \text{ mm}$$



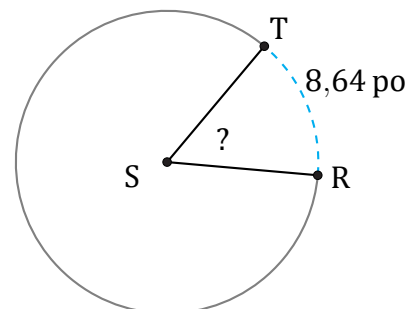
Circonférence = 1809,56 cm

$$\widehat{DF} = \frac{135}{360} \times 1809,56 = 678,59 \text{ cm}$$



Circonférence = 62,83 km

$$\angle GHJ = \frac{15,71}{62,83} \times 360 = 90^\circ$$



Circonférence = 56,55 po

$$\angle RST = \frac{8,64}{56,55} \times 360 = 55^\circ$$