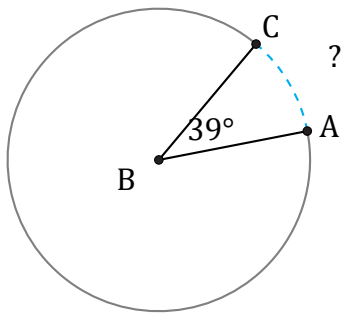


# Angles et Longueurs d'un Arc de Cercle (F)

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

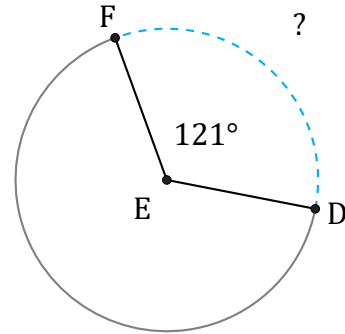
Date: \_\_\_\_\_

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



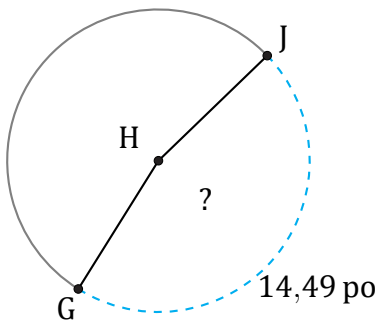
Circonférence = 119,38 po

$\widehat{AC} =$



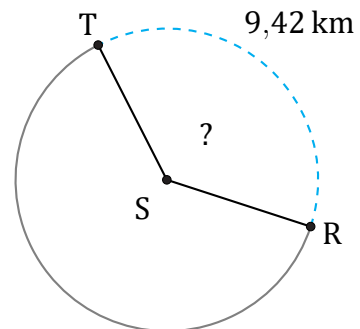
Circonférence = 4404,51 po

$\widehat{DF} =$



Circonférence = 31,42 po

$\angle GHJ =$



Circonférence = 25,13 km

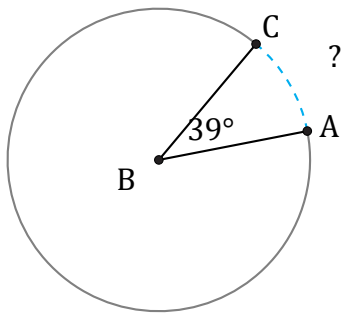
$\angle RST =$

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

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

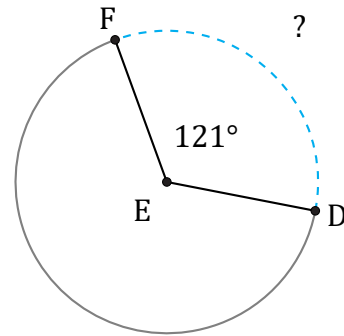
Date: \_\_\_\_\_

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



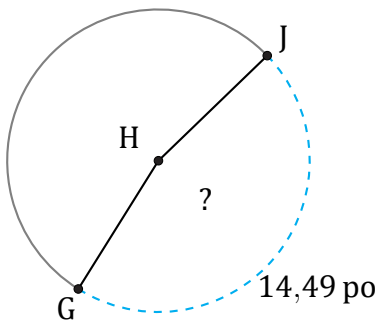
Circonférence = 119,38 po

$$\widehat{AC} = \frac{39}{360} \times 119,38 = 12,93 \text{ po}$$



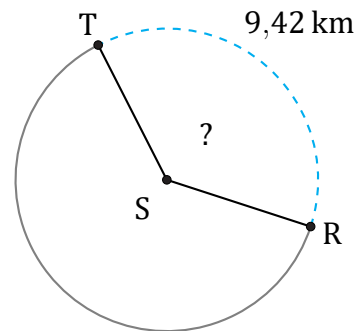
Circonférence = 4404,51 po

$$\widehat{DF} = \frac{121}{360} \times 4404,51 = 1480,4 \text{ po}$$



Circonférence = 31,42 po

$$\angle GHJ = \frac{14,49}{31,42} \times 360 = 166^\circ$$



Circonférence = 25,13 km

$$\angle RST = \frac{9,42}{25,13} \times 360 = 134,9^\circ$$