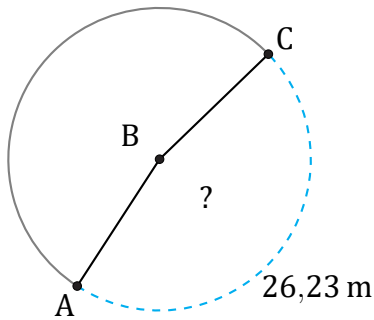


Angles et Longueurs d'un Arc de Cercle (J)

Nom: _____

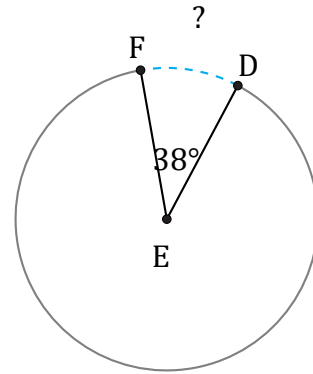
Date: _____

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



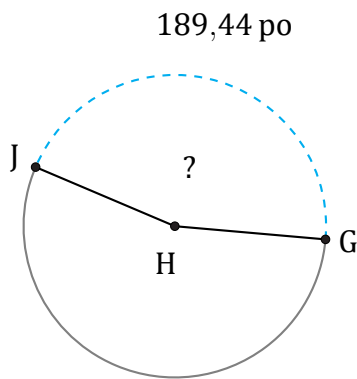
Circonférence = 56,55 m

$\angle ABC =$



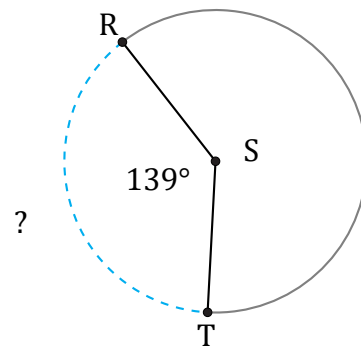
Circonférence = 62,83 po

$\widehat{DF} =$



Circonférence = 420,97 po

$\angle GHJ =$



Circonférence = 43,98 hm

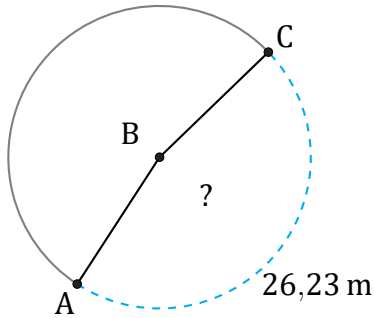
$\widehat{RT} =$

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

Nom: _____

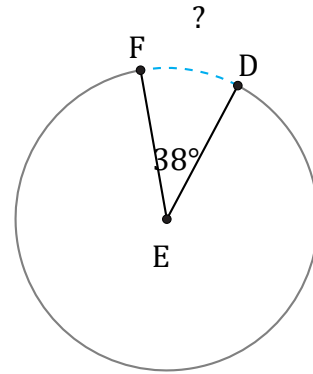
Date: _____

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



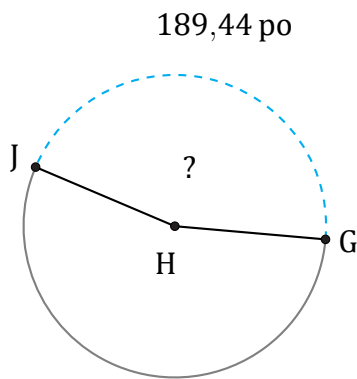
Circonférence = 56,55 m

$$\angle ABC = \frac{26,23}{56,55} \times 360 = 167^\circ$$



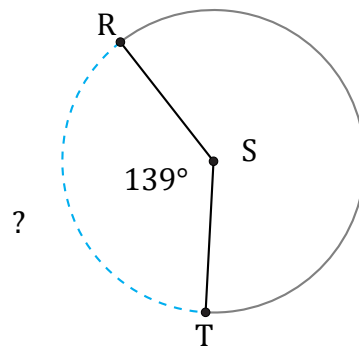
Circonférence = 62,83 po

$$\widehat{DF} = \frac{38}{360} \times 62,83 = 6,63 \text{ po}$$



Circonférence = 420,97 po

$$\angle GHJ = \frac{189,44}{420,97} \times 360 = 162^\circ$$



Circonférence = 43,98 hm

$$\widehat{RT} = \frac{139}{360} \times 43,98 = 16,98 \text{ hm}$$