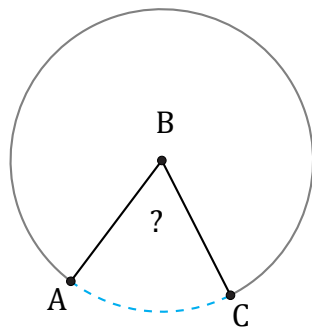


Angles et Longueurs d'un Arc de Cercle (H)

Nom: _____

Date: _____

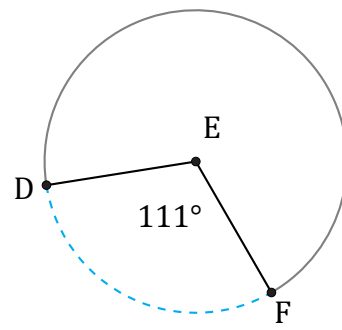
Calculez la longueur de l'arc de cercle et la mesure de l'angle.



3,35 km

Diamètre = 6 km

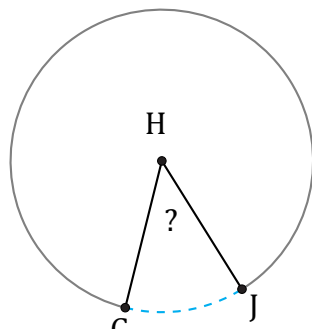
$\angle ABC =$



?

Rayon = 65 hm

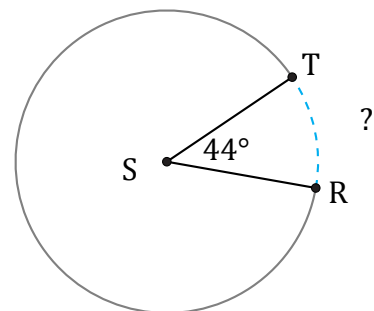
$\widehat{DF} =$



545,14 μm

Diamètre = 1358 μm

$\angle GHJ =$



?

Rayon = 987 po

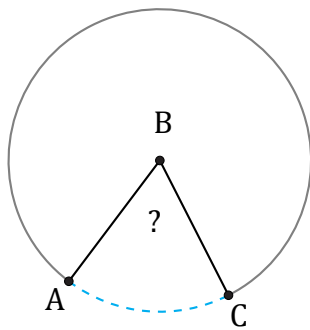
$\widehat{RT} =$

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

Nom: _____

Date: _____

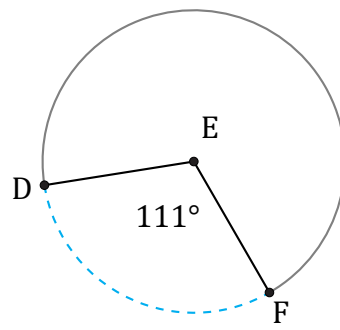
Calculez la longueur de l'arc de cercle et la mesure de l'angle.



3,35 km

Diamètre = 6 km

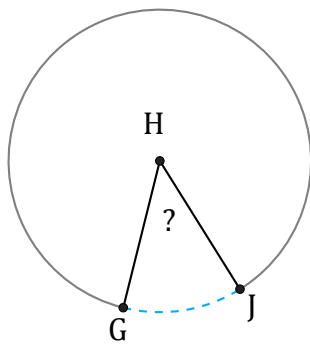
$$\angle ABC = \frac{3,35}{6 \times \pi} \times 360 = 64^\circ$$



?

Rayon = 65 hm

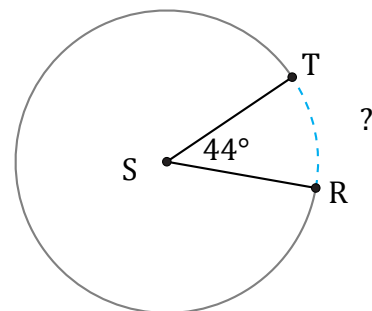
$$\widehat{DF} = \frac{111}{360} \times \pi \times 65 \times 2 = 125,93 \text{ hm}$$



545,14 μm

Diamètre = 1358 μm

$$\angle GHJ = \frac{545,14}{1358 \times \pi} \times 360 = 46^\circ$$



?

Rayon = 987 po

$$\widehat{RT} = \frac{44}{360} \times \pi \times 987 \times 2 = 757,96 \text{ po}$$