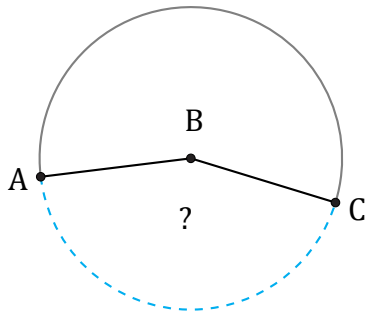


Angles et Longueurs d'un Arc de Cercle (B)

Nom: _____

Date: _____

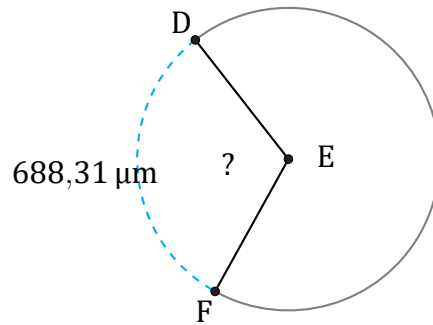
Calculez la longueur de l'arc de cercle et la mesure de l'angle.



250,49 po

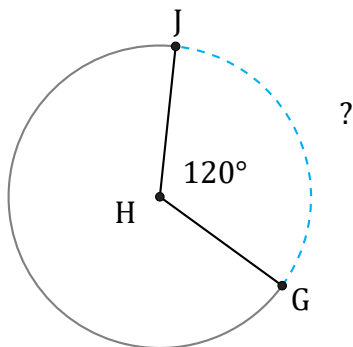
Rayon = 92 po

$\angle ABC =$



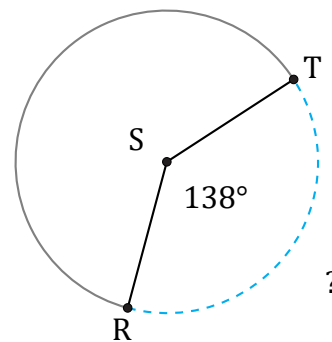
Rayon = 349 µm

$\angle DEF =$



Rayon = 121 dm

$\widehat{GJ} =$



Rayon = 699 hm

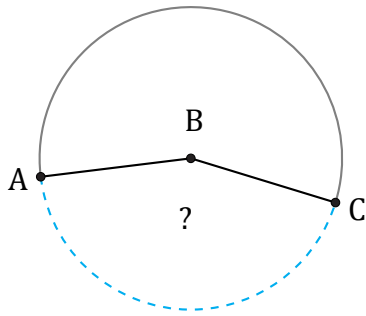
$\widehat{RT} =$

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

Nom: _____

Date: _____

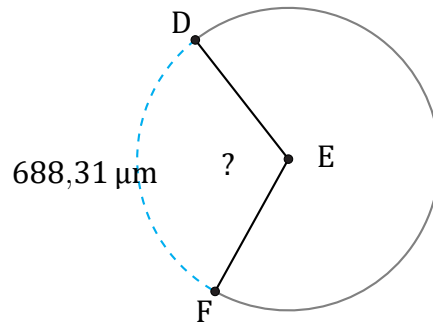
Calculez la longueur de l'arc de cercle et la mesure de l'angle.



250,49 po

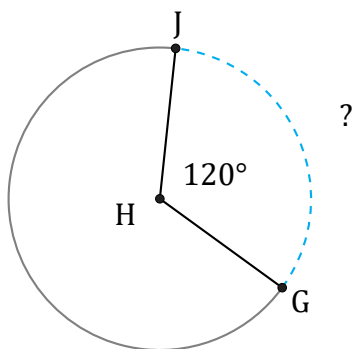
Rayon = 92 po

$$\angle ABC = \frac{250,49}{92 \times \pi \times 2} \times 360 = 156^\circ$$



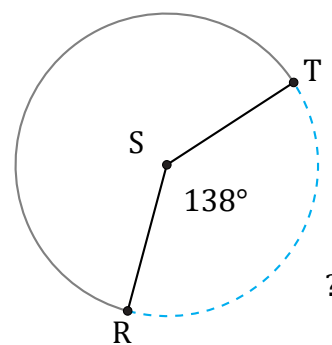
Rayon = 349 µm

$$\angle DEF = \frac{688,31}{349 \times \pi \times 2} \times 360 = 113^\circ$$



Rayon = 121 dm

$$\widehat{GJ} = \frac{120}{360} \times \pi \times 121 \times 2 = 253,42 \text{ dm}$$



Rayon = 699 hm

$$\widehat{RT} = \frac{138}{360} \times \pi \times 699 \times 2 = 1683,58 \text{ hm}$$