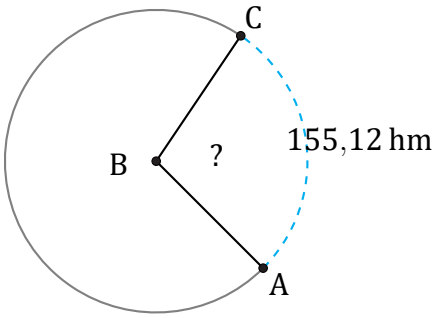
Longueurs d'un Arc de Cercle (E)

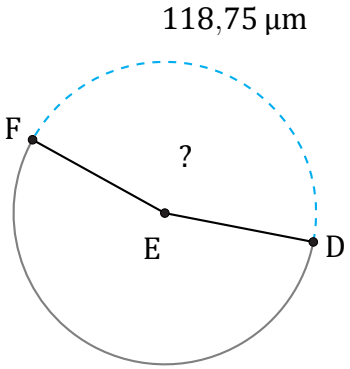
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



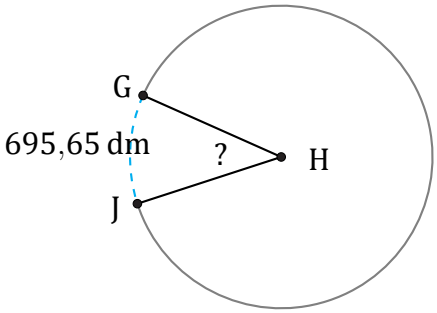
Diamètre = 176 hm

∠ABC =



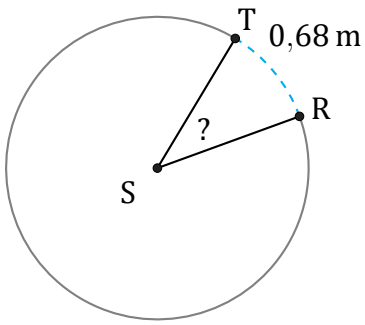
Diamètre = 84 µm

∠DEF =



Circonférence = 5962,74 dm

∠GHJ =



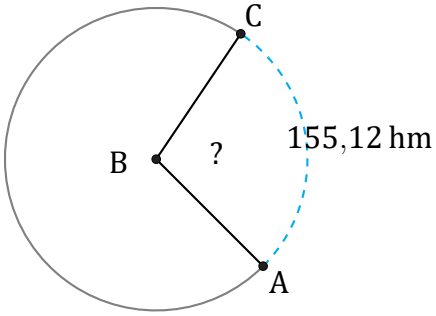
Rayon = 1 m

∠RST =

Longueurs d'un Arc de Cercle (E) Réponses

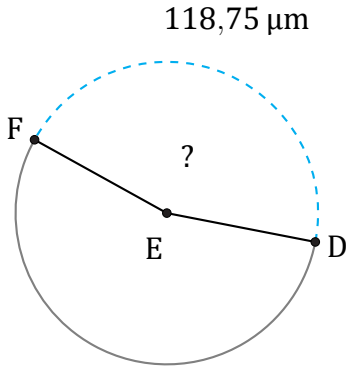
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



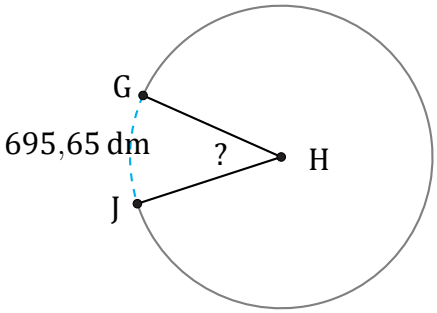
Diamètre = 176 hm

$\angle ABC = \frac{155,12}{176 \times \pi} \times 360 = 101°$



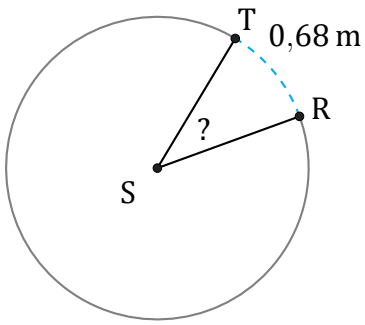
Diamètre = 84 µm

$\angle DEF = \frac{118,75}{84 \times \pi} \times 360 = 162°$



Circonférence = 5962,74 dm

$\angle GHJ = \frac{695,65}{5962,74} \times 360 = 42°$



Rayon = 1 m

$\angle RST = \frac{0,68}{1 \times \pi \times 2} \times 360 = 39°$