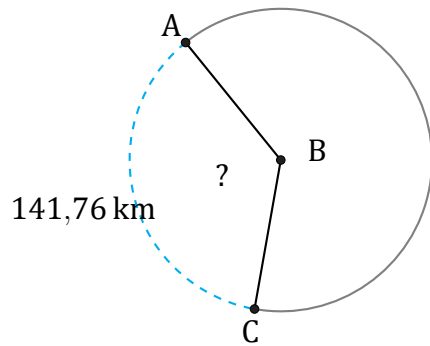


Longueurs d'un Arc de Cercle (I)

Nom: _____

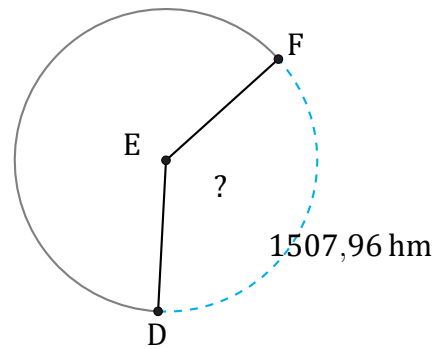
Date: _____

Calculez la longueur de l'angle du cercle.



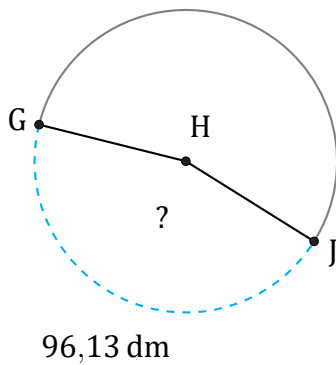
Circonférence = 389,56 km

$\angle ABC =$



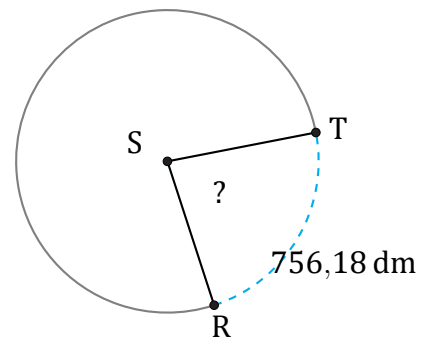
Diamètre = 1280 hm

$\angle DEF =$



Rayon = 34 dm

$\angle GHJ =$



Circonférence = 3279,82 dm

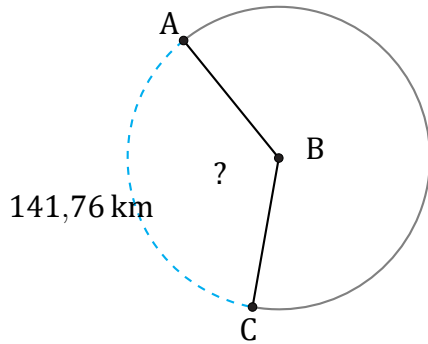
$\angle RST =$

Longueurs d'un Arc de Cercle (I) Réponses

Nom: _____

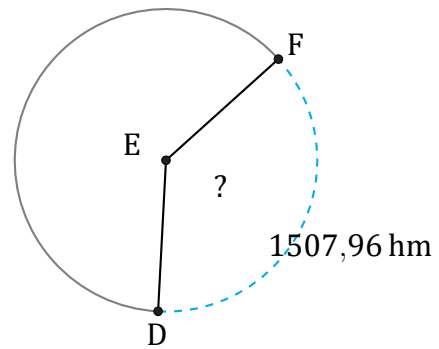
Date: _____

Calculez la longueur de l'angle du cercle.



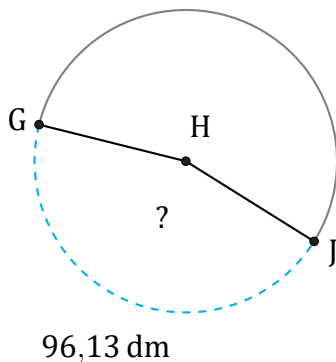
Circonférence = 389,56 km

$$\angle ABC = \frac{141,76}{389,56} \times 360 = 131^\circ$$



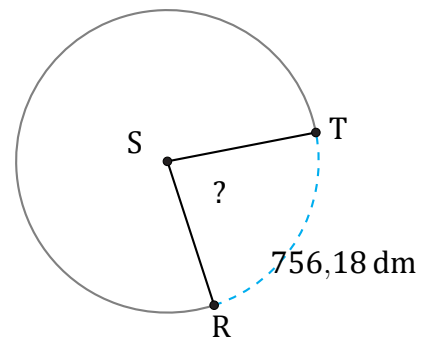
Diamètre = 1280 hm

$$\angle DEF = \frac{1507,96}{1280 \times \pi} \times 360 = 135^\circ$$



Rayon = 34 dm

$$\angle GHJ = \frac{96,13}{34 \times \pi \times 2} \times 360 = 162^\circ$$



Circonférence = 3279,82 dm

$$\angle RST = \frac{756,18}{3279,82} \times 360 = 83^\circ$$