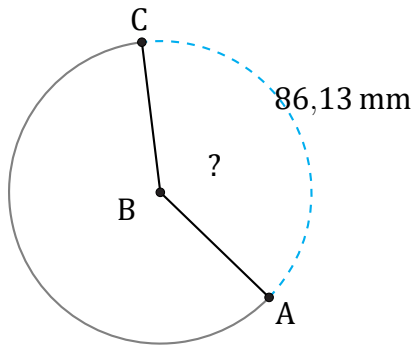


Angles et Longueurs d'un Arc de Cercle (J)

Nom: _____

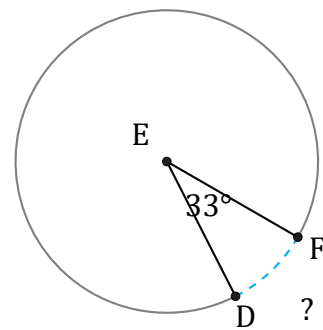
Date: _____

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



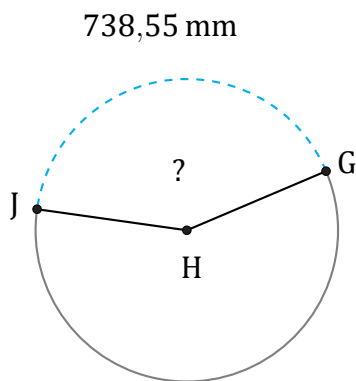
Circonférence = 219,91 mm

$\angle ABC =$ _____



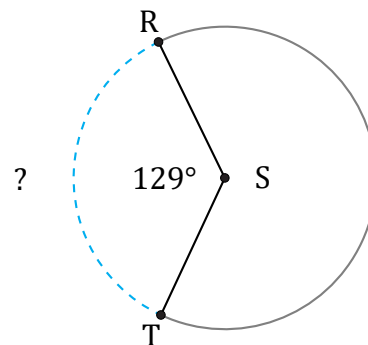
Rayon = 51 cm

$\widehat{DF} =$ _____



Circonférence = 1784,42 mm

$\angle GHJ =$ _____



Diamètre = 1078 po

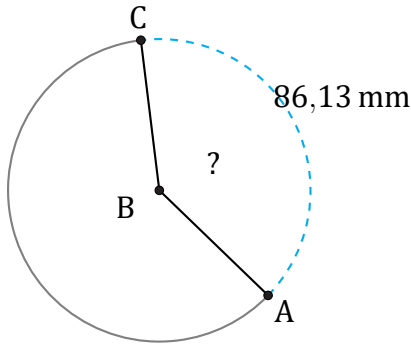
$\widehat{RT} =$ _____

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

Nom: _____

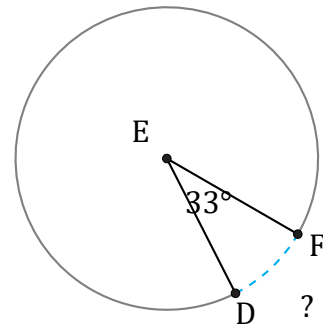
Date: _____

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



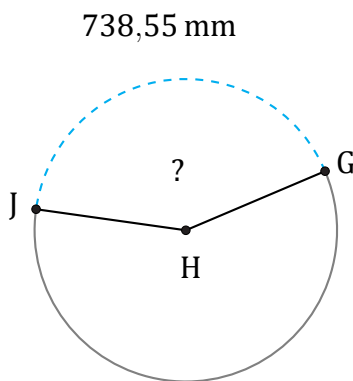
Circonférence = 219,91 mm

$$\angle ABC = \frac{86,13}{219,91} \times 360 = 141^\circ$$



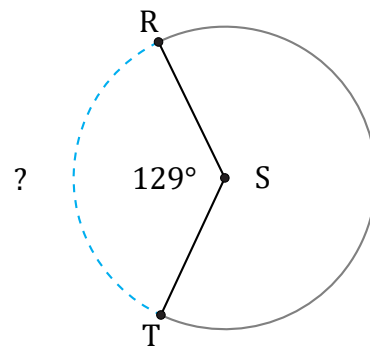
Rayon = 51 cm

$$\widehat{DF} = \frac{33}{360} \times \pi \times 51 \times 2 = 29,37 \text{ cm}$$



Circonférence = 1784,42 mm

$$\angle GHJ = \frac{738,55}{1784,42} \times 360 = 149^\circ$$



Diamètre = 1078 po

$$\widehat{RT} = \frac{129}{360} \times \pi \times 1078 = 1213,54 \text{ po}$$