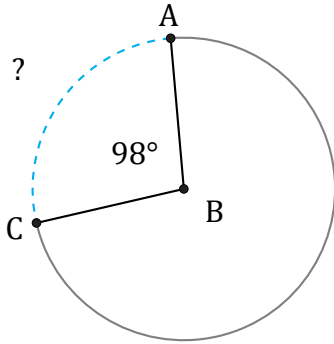


Angles et Longueurs d'un Arc de Cercle (C)

Nom: _____

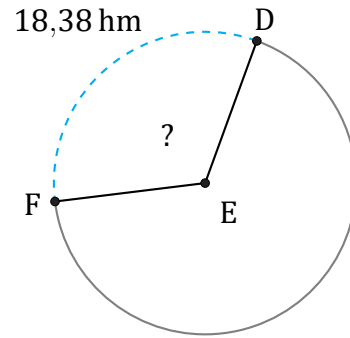
Date: _____

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



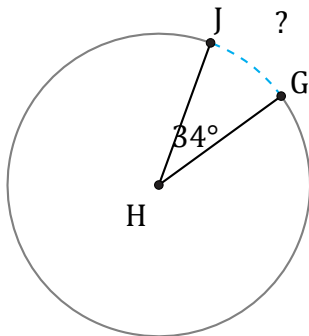
Rayon = 8 dm

$\widehat{AC} =$



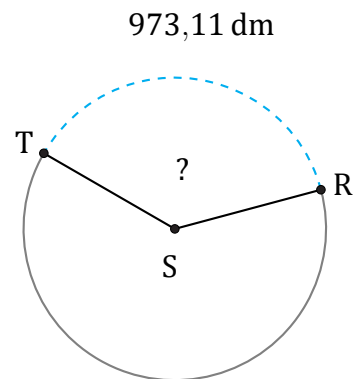
Diamètre = 18 hm

$\angle DEF =$



Diamètre = 14 cm

$\widehat{Gj} =$



Rayon = 413 dm

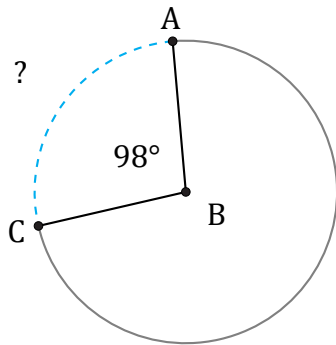
$\angle RST =$

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

Nom: _____

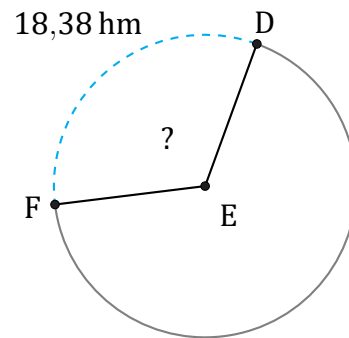
Date: _____

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



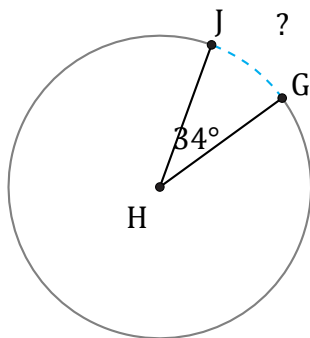
Rayon = 8 dm

$$\widehat{AC} = \frac{98}{360} \times \pi \times 8 \times 2 = 13,68 \text{ dm}$$



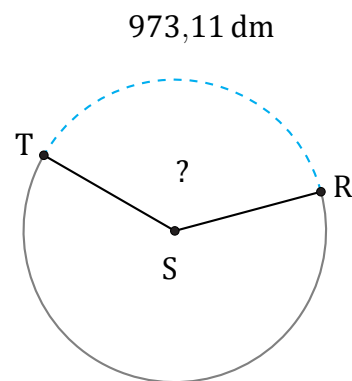
Diamètre = 18 hm

$$\angle DEF = \frac{18,38}{18 \times \pi} \times 360 = 117^\circ$$



Diamètre = 14 cm

$$\widehat{GJ} = \frac{34}{360} \times \pi \times 14 = 4,15 \text{ cm}$$



Rayon = 413 dm

$$\angle RST = \frac{973,11}{413 \times \pi \times 2} \times 360 = 135^\circ$$