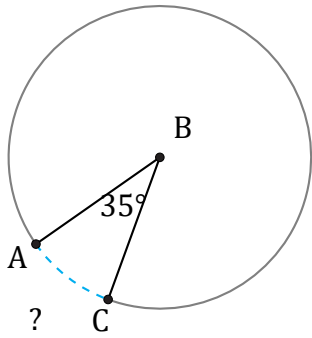


Angles et Longueurs d'un Arc de Cercle (A)

Nom: _____

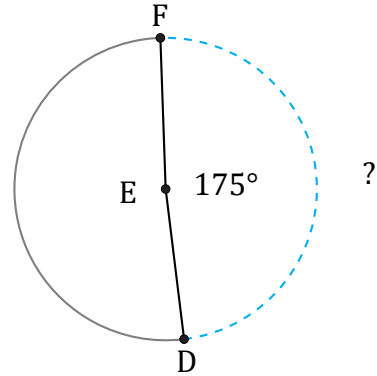
Date: _____

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



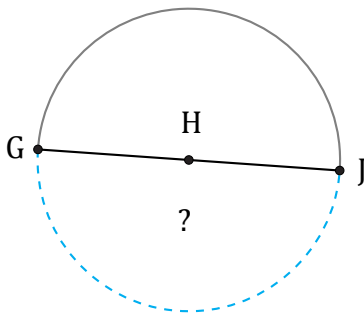
Diamètre = 1010 cm

$\widehat{AC} =$



Diamètre = 14 hm

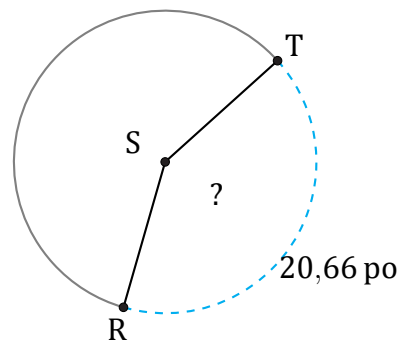
$\widehat{DF} =$



559,2 cm

Diamètre = 356 cm

$\angle GHJ =$



Diamètre = 16 po

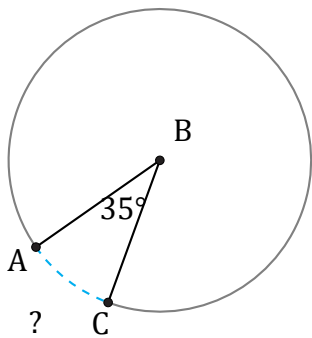
$\angle RST =$

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

Nom: _____

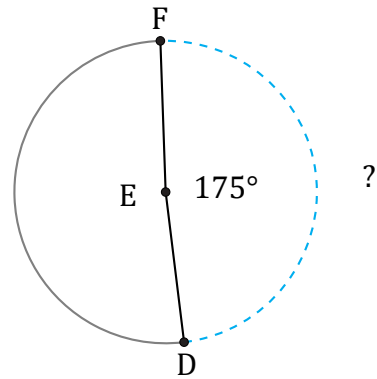
Date: _____

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



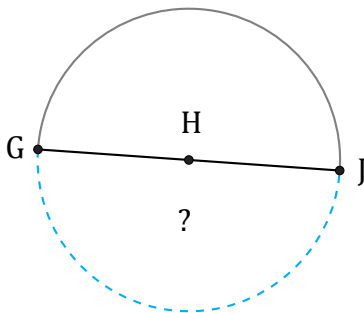
Diamètre = 1010 cm

$$\widehat{AC} = \frac{35}{360} \times \pi \times 1010 = 308,49 \text{ cm}$$



Diamètre = 14 hm

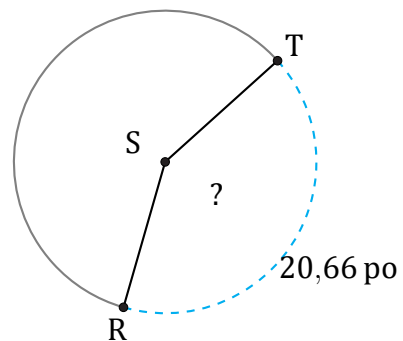
$$\widehat{DF} = \frac{175}{360} \times \pi \times 14 = 21,38 \text{ hm}$$



559,2 cm

Diamètre = 356 cm

$$\angle GHJ = \frac{559,2}{356 \times \pi} \times 360 = 180^\circ$$



Diamètre = 16 po

$$\angle RST = \frac{20,66}{16 \times \pi} \times 360 = 148^\circ$$