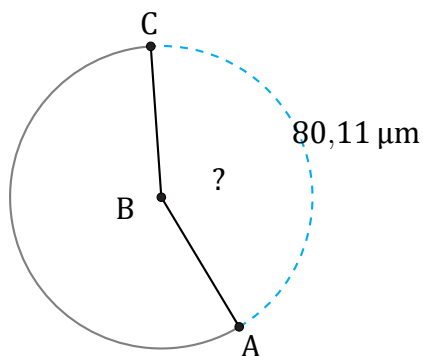


# Angles d'un Arc de Cercle (D)

Nom: \_\_\_\_\_

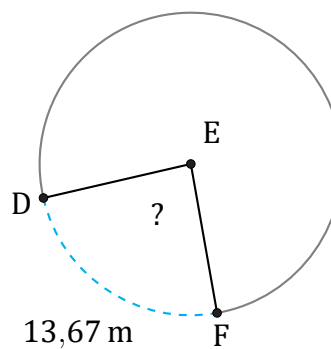
Date: \_\_\_\_\_

Calculez la mesure de l'angle du cercle.



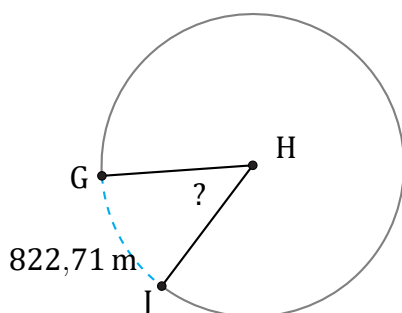
Rayon = 30  $\mu\text{m}$

$\angle ABC =$



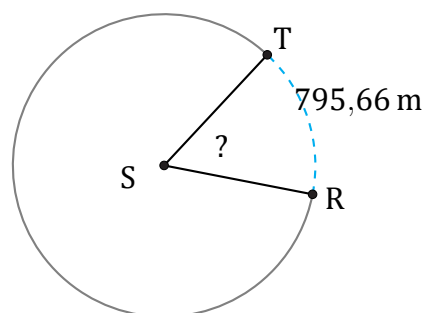
Rayon = 9 m

$\angle DEF =$



Rayon = 962 m

$\angle GHJ =$



Rayon = 786 m

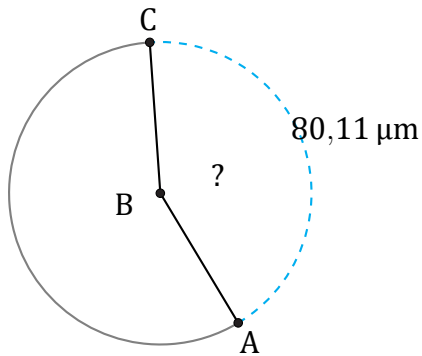
$\angle RST =$

# Angles d'un Arc de Cercle (D) Réponses

Nom: \_\_\_\_\_

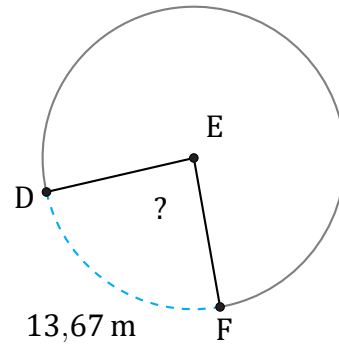
Date: \_\_\_\_\_

Calculez la mesure de l'angle du cercle.



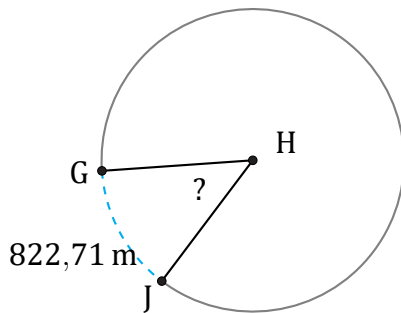
Rayon = 30 μm

$$\angle ABC = \frac{80,11}{30 \times \pi \times 2} \times 360 = 153^\circ$$



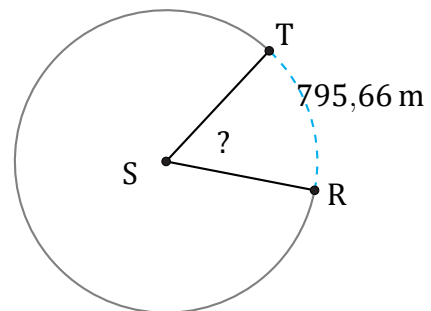
Rayon = 9 m

$$\angle DEF = \frac{13,67}{9 \times \pi \times 2} \times 360 = 87^\circ$$



Rayon = 962 m

$$\angle GHJ = \frac{822,71}{962 \times \pi \times 2} \times 360 = 49^\circ$$



Rayon = 786 m

$$\angle RST = \frac{795,66}{786 \times \pi \times 2} \times 360 = 58^\circ$$