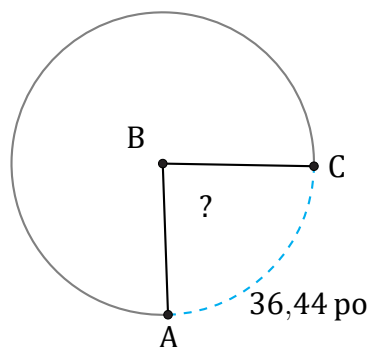


# Angles d'un Arc de Cercle (I)

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

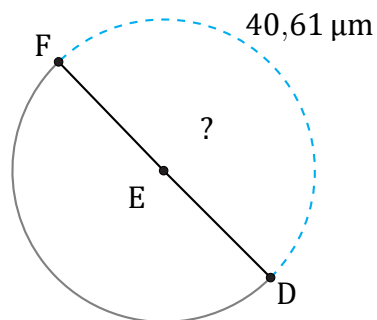
Date: \_\_\_\_\_

Calculez la mesure de l'angle du cercle.



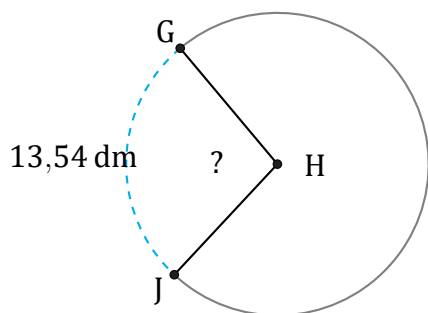
Rayon = 24 po

$\angle ABC =$



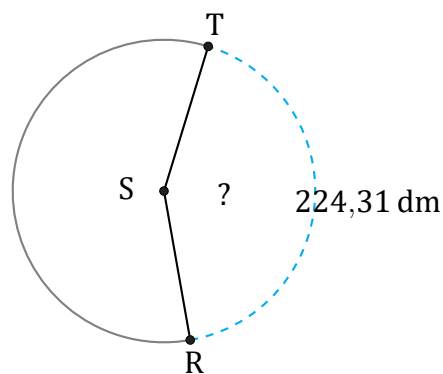
Rayon = 13 μm

$\angle DEF =$



Diamètre = 16 dm

$\angle GHJ =$



Diamètre = 168 dm

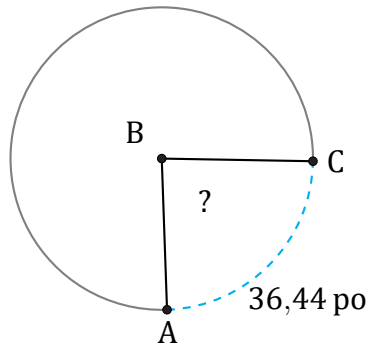
$\angle RST =$

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

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

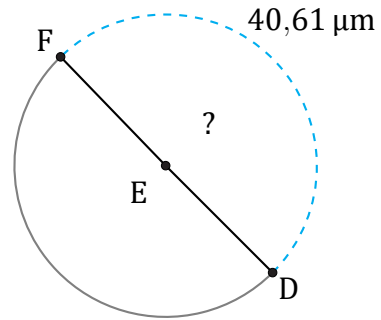
Date: \_\_\_\_\_

Calculez la mesure de l'angle du cercle.



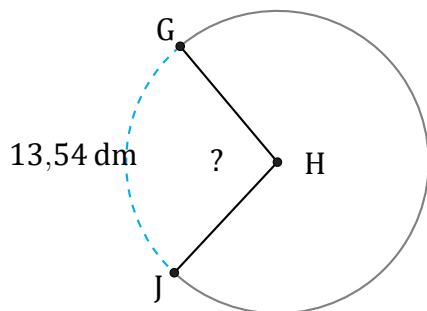
Rayon = 24 po

$$\angle ABC = \frac{36,44}{24 \times \pi \times 2} \times 360 = 87^\circ$$



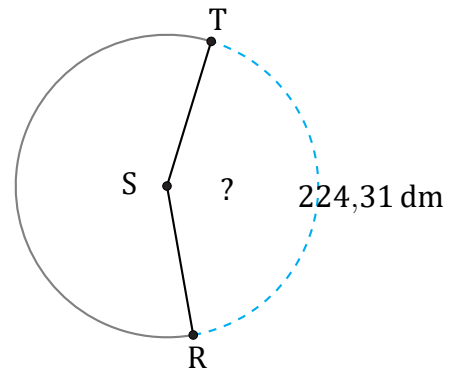
Rayon = 13 μm

$$\angle DEF = \frac{40,61}{13 \times \pi \times 2} \times 360 = 179^\circ$$



Diamètre = 16 dm

$$\angle GHJ = \frac{13,54}{16 \times \pi} \times 360 = 97^\circ$$



Diamètre = 168 dm

$$\angle RST = \frac{224,31}{168 \times \pi} \times 360 = 153^\circ$$