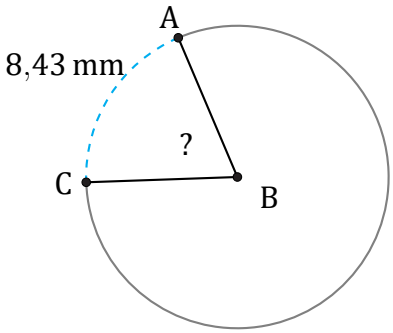
Angles et Longueurs d'un Arc de Cercle (D)

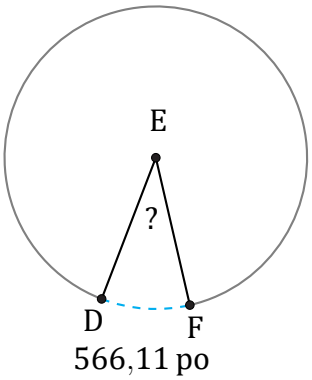
Nom: _____ Date: _____

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



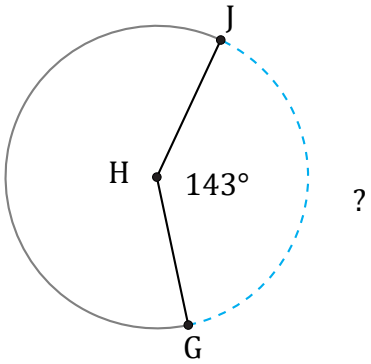
Circonférence = 43,98 mm

∠ABC =



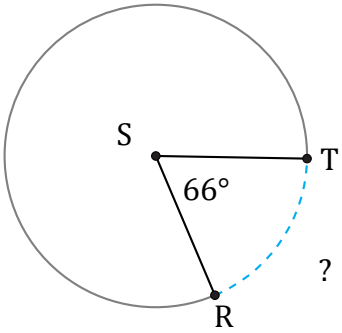
Circonférence = 5994,16 po

∠DEF =



Circonférence = 263,89 cm

$\overset{\frown}{GJ}$ =



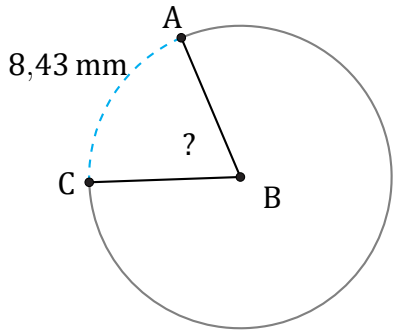
Circonférence = 56,55 µm

$\overset{\frown}{RT}$ =

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

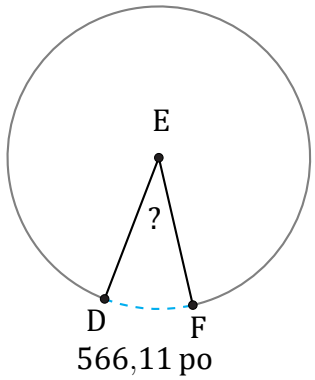
Nom: _____ Date: _____

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



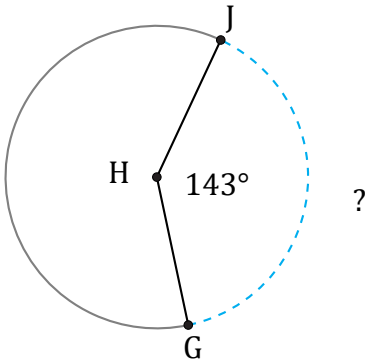
Circonférence = 43,98 mm

$\angle ABC = \frac{8,43}{43,98} \times 360 = 69°$



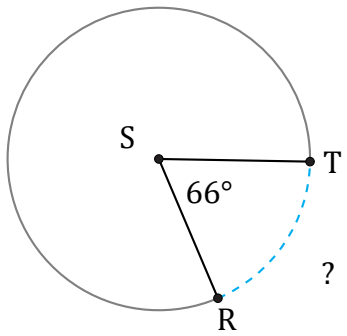
Circonférence = 5994,16 po

$\angle DEF = \frac{566,11}{5994,16} \times 360 = 34°$



Circonférence = 263,89 cm

$\widehat{GJ} = \frac{143}{360} \times 263,89 = 104,82$ cm



Circonférence = 56,55 µm

$\widehat{RT} = \frac{66}{360} \times 56,55 = 10,37$ µm