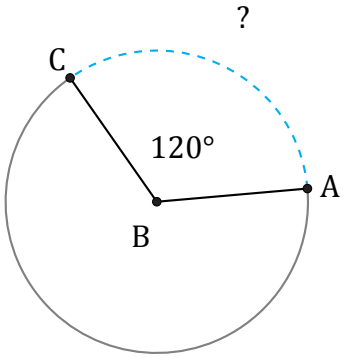
Longitud de Arcos (I)

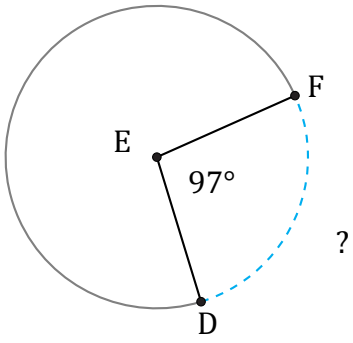
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



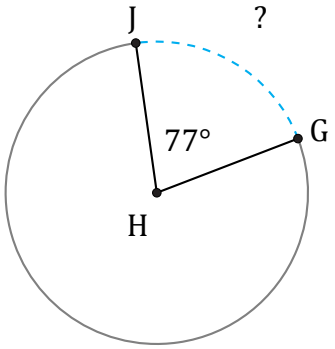
Radio = 78 ft

$\overset{\frown}{AC}$ =



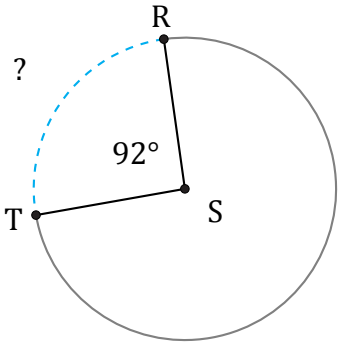
Diámetro = 6 cm

$\overset{\frown}{DF}$ =



Radio = 357 m

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



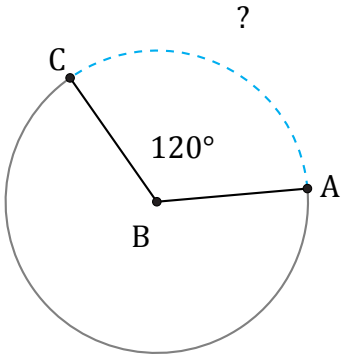
Diámetro = 24 km

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

Longitud de Arcos (I) Respuestas

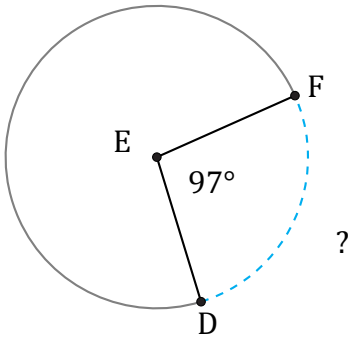
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



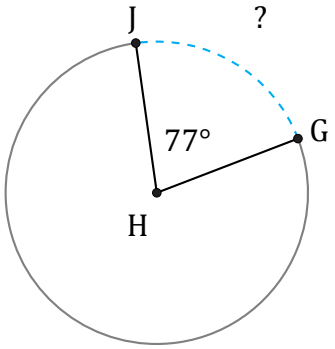
Radio = 78 ft

$\overset{\frown}{AC} = \frac{120}{360} \times \pi \times 78 \times 2 = 163.36$ ft



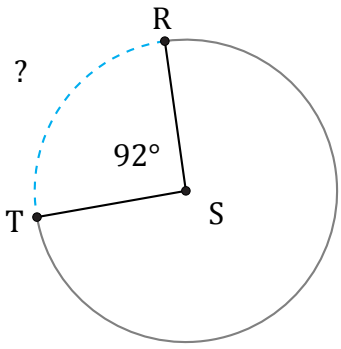
Diámetro = 6 cm

$\overset{\frown}{DF} = \frac{97}{360} \times \pi \times 6 = 5.08$ cm



Radio = 357 m

$\overset{\frown}{GJ} = \frac{77}{360} \times \pi \times 357 \times 2 = 479.77$ m



Diámetro = 24 km

$\overset{\frown}{RT} = \frac{92}{360} \times \pi \times 24 = 19.27$ km