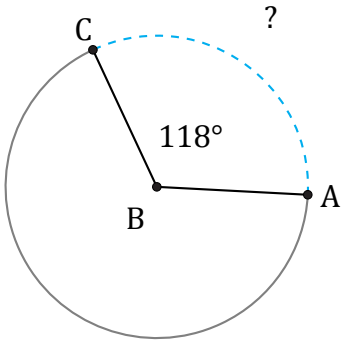
Longitud de Arcos (C)

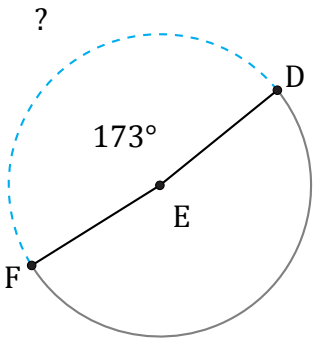
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



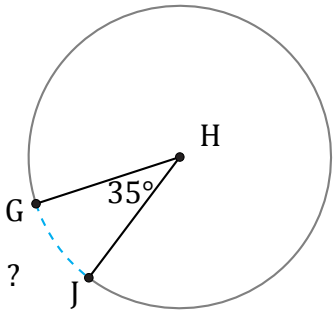
Diámetro = 20 ft

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



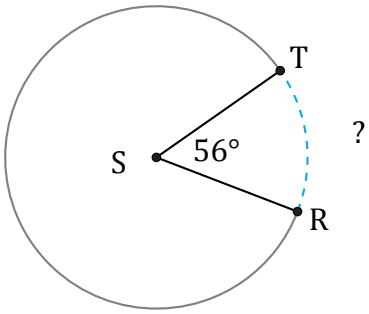
Diámetro = 966 km

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



Diámetro = 1782 cm

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



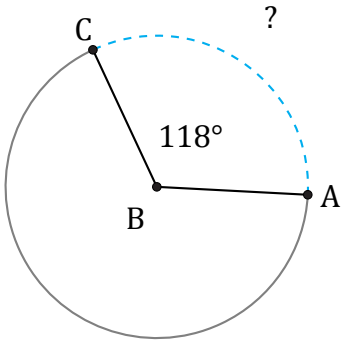
Diámetro = 14 km

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

Longitud de Arcos (C) Respuestas

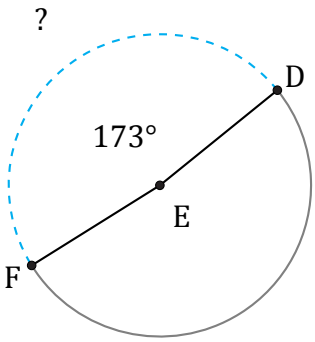
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



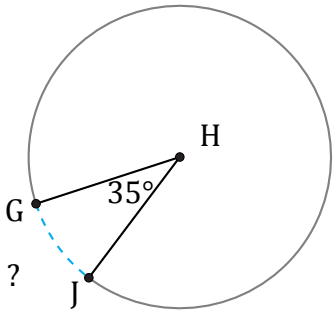
Diámetro = 20 ft

$\overset{\frown}{AC} = \frac{118}{360} \times \pi \times 20 = 20.59 \text{ ft}$



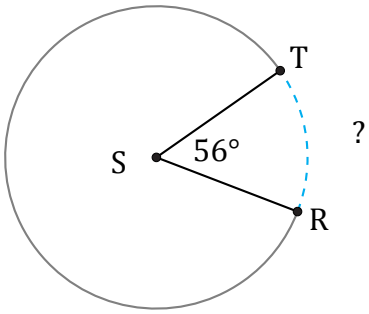
Diámetro = 966 km

$\overset{\frown}{DF} = \frac{173}{360} \times \pi \times 966 = 1458.38 \text{ km}$



Diámetro = 1782 cm

$\overset{\frown}{GJ} = \frac{35}{360} \times \pi \times 1782 = 544.28 \text{ cm}$



Diámetro = 14 km

$\overset{\frown}{RT} = \frac{56}{360} \times \pi \times 14 = 6.84 \text{ km}$