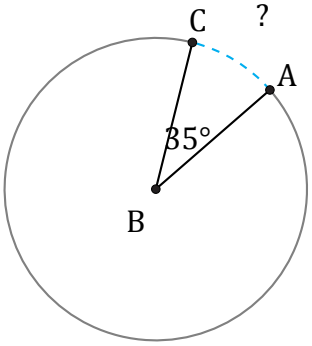
Longitud de Arcos (E)

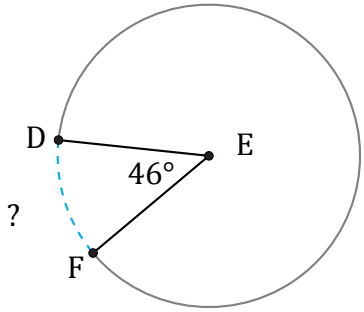
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



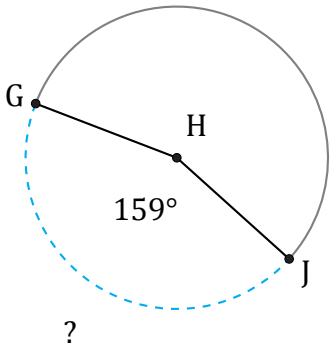
Diámetro = 1860 mm

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



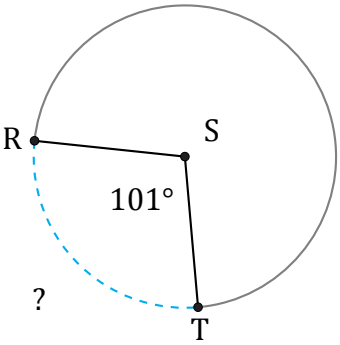
Diámetro = 1922 cm

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



Radio = 912 mi

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



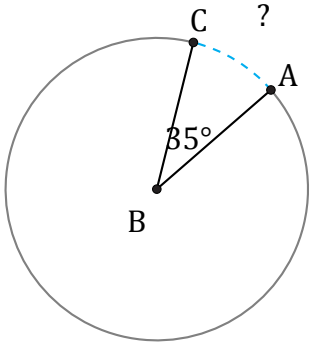
Radio = 444 mi

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

Longitud de Arcos (E) Respuestas

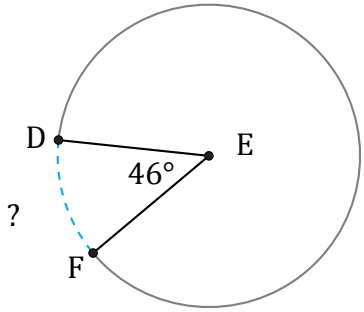
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



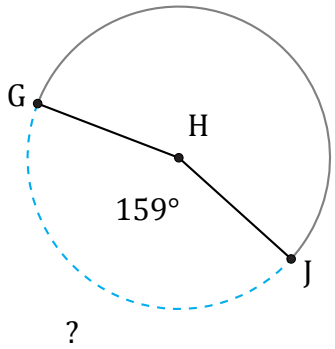
Diámetro = 1860 mm

$\overset{\frown}{AC} = \frac{35}{360} \times \pi \times 1860 = 568.1 \text{ mm}$



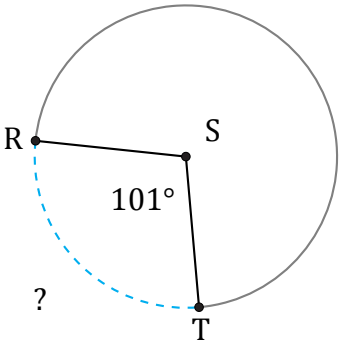
Diámetro = 1922 cm

$\overset{\frown}{DF} = \frac{46}{360} \times \pi \times 1922 = 771.54 \text{ cm}$



Radio = 912 mi

$\overset{\frown}{GJ} = \frac{159}{360} \times \pi \times 912 \times 2 = 2530.87 \text{ mi}$



Radio = 444 mi

$\overset{\frown}{RT} = \frac{101}{360} \times \pi \times 444 \times 2 = 782.68 \text{ mi}$