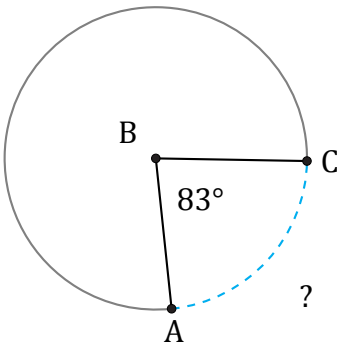
Amplitud y Longitud de Arcos (C)

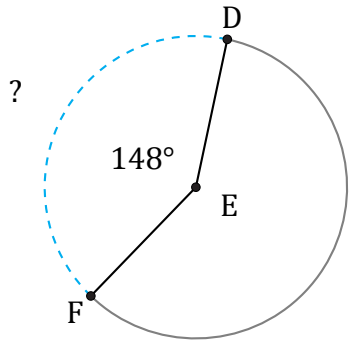
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



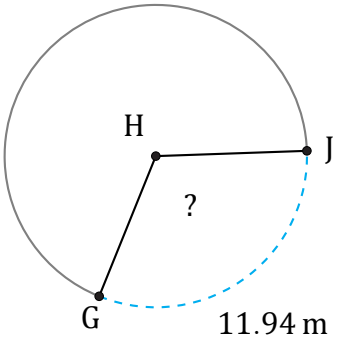
Diámetro = 8 cm

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



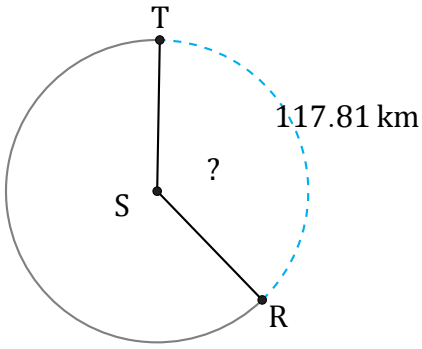
Diámetro = 16 m

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



Diámetro = 12 m

∠GHJ =



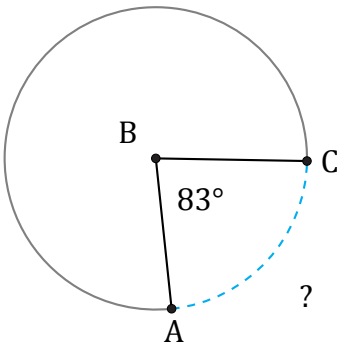
Diámetro = 100 km

∠RST =

Amplitud y Longitud de Arcos (C) Respuestas

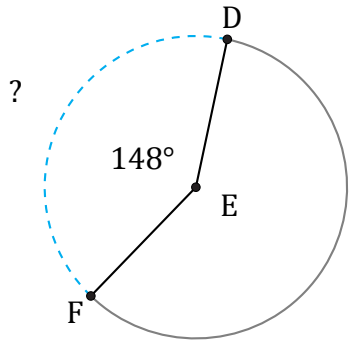
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



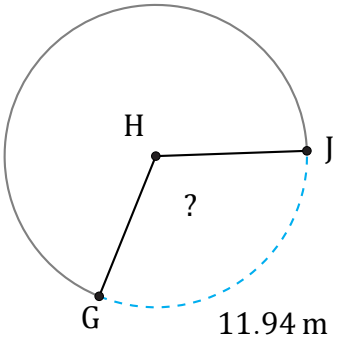
Diámetro = 8 cm

$\overset{\frown}{AC} = \frac{83}{360} \times \pi \times 8 = 5.79$ cm



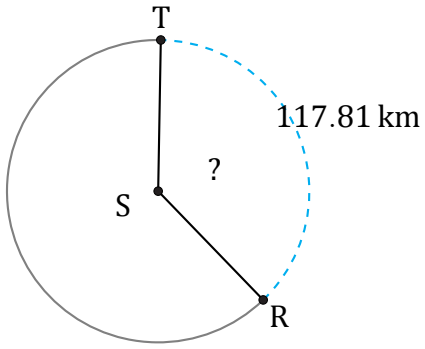
Diámetro = 16 m

$\overset{\frown}{DF} = \frac{148}{360} \times \pi \times 16 = 20.66$ m



Diámetro = 12 m

$\angle GHJ = \frac{11.94}{12 \times \pi} \times 360 = 114°$



Diámetro = 100 km

$\angle RST = \frac{117.81}{100 \times \pi} \times 360 = 135°$