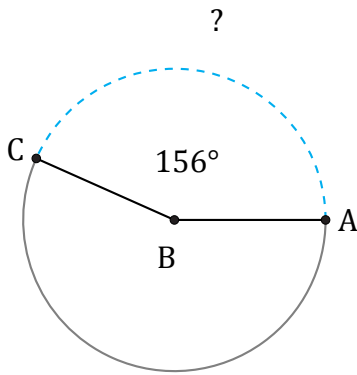


Amplitud y Longitud de Arcos (C)

Nombre: _____

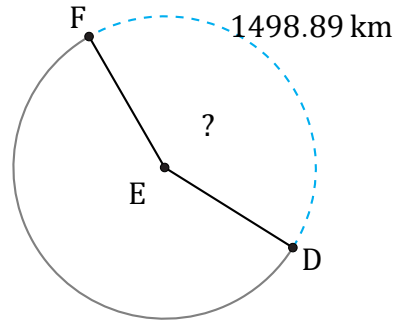
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



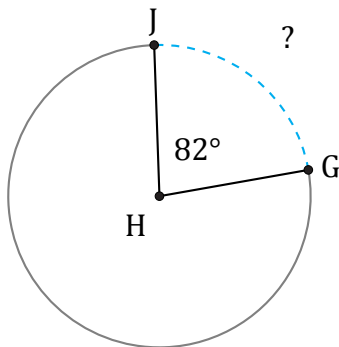
Diámetro = 6 m

$\widehat{AC} =$



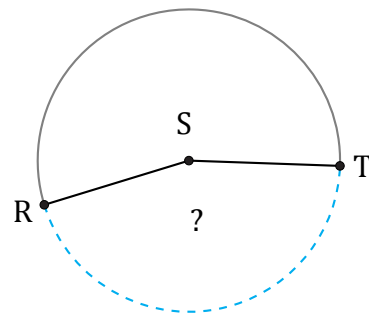
Circunferencia = 3550 km

$\angle DEF =$



Circunferencia = 25.13 in

$\widehat{GJ} =$



269.76 ft

Radio = 96 ft

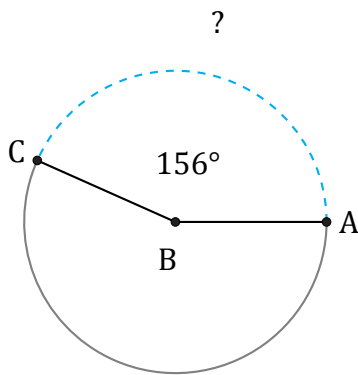
$\angle RST =$

Amplitud y Longitud de Arcos (C) Respuestas

Nombre: _____

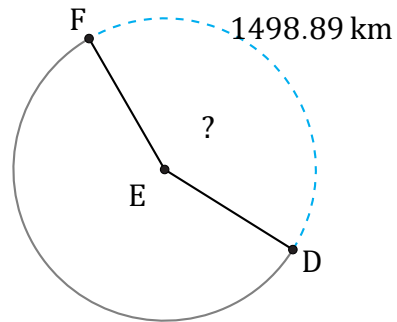
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



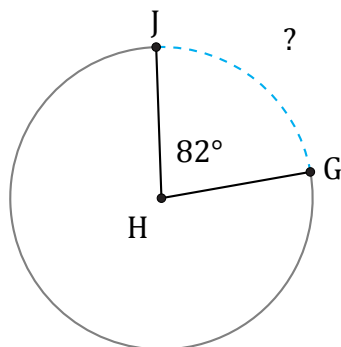
Diámetro = 6 m

$$\widehat{AC} = \frac{156}{360} \times \pi \times 6 = 8.17 \text{ m}$$



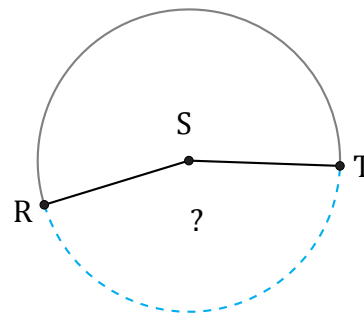
Circunferencia = 3550 km

$$\angle DEF = \frac{1498.89}{3550} \times 360 = 152^\circ$$



Circunferencia = 25.13 in

$$\widehat{GJ} = \frac{82}{360} \times 25.13 = 5.72 \text{ in}$$



269.76 ft

Radio = 96 ft

$$\angle RST = \frac{269.76}{96 \times \pi \times 2} \times 360 = 161^\circ$$