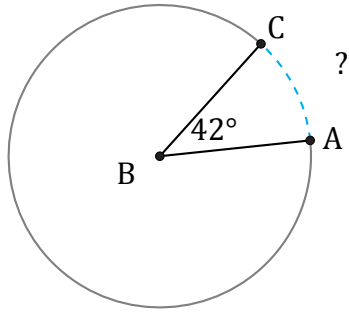


Amplitud y Longitud de Arcos (I)

Nombre: _____

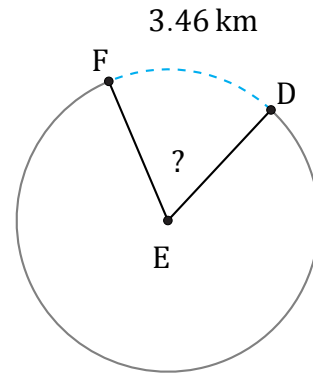
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



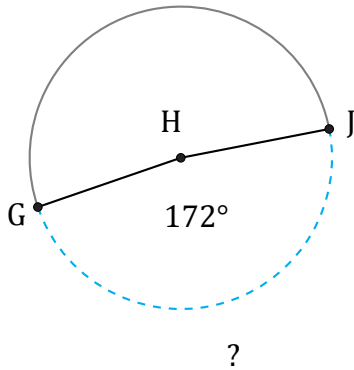
Circunferencia = 150.8 km

$\widehat{AC} =$



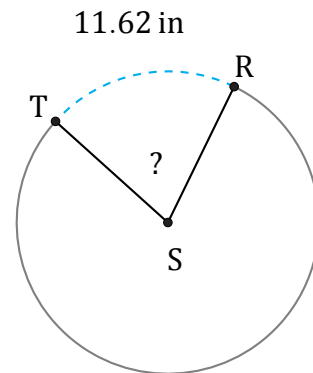
Radio = 3 km

$\angle DEF =$



Diámetro = 90 ft

$\widehat{GJ} =$



Radio = 9 in

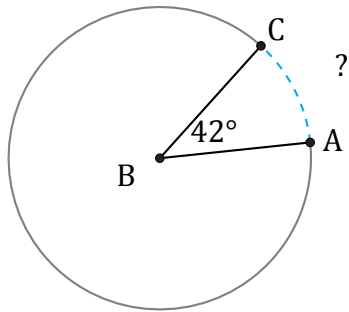
$\angle RST =$

Amplitud y Longitud de Arcos (I) Respuestas

Nombre: _____

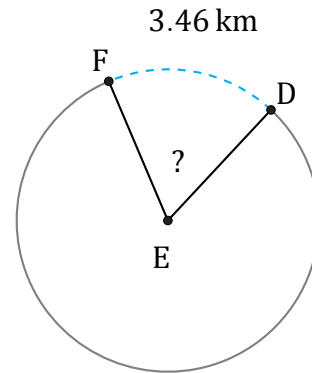
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



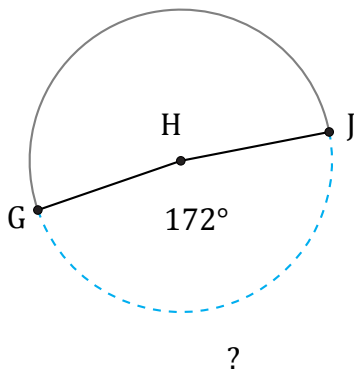
Circunferencia = 150.8 km

$$\widehat{AC} = \frac{42}{360} \times 150.8 = 17.59 \text{ km}$$



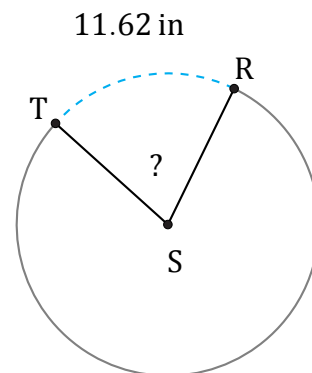
Radio = 3 km

$$\angle DEF = \frac{3.46}{3 \times \pi \times 2} \times 360 = 66.1^\circ$$



Diámetro = 90 ft

$$\widehat{GJ} = \frac{172}{360} \times \pi \times 90 = 135.09 \text{ ft}$$



Radio = 9 in

$$\angle RST = \frac{11.62}{9 \times \pi \times 2} \times 360 = 74^\circ$$