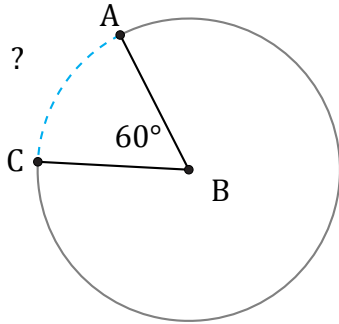


# Amplitud y Longitud de Arcos (C)

Nombre: \_\_\_\_\_

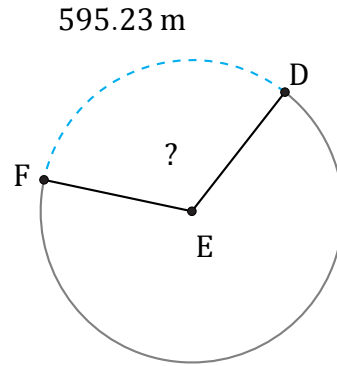
Fecha: \_\_\_\_\_

Calcule la amplitud angular o la longitud de cada arco.



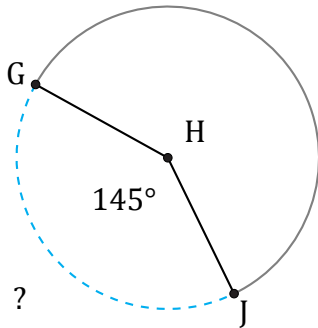
Circunferencia = 540.35 km

$\widehat{AC} =$



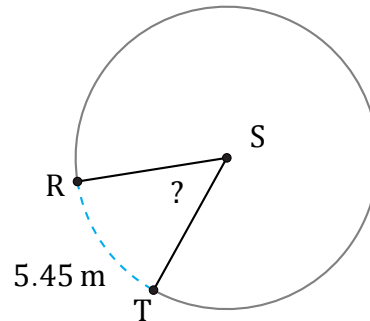
Circunferencia = 1847.26 m

$\angle DEF =$



Circunferencia = 270.18 cm

$\widehat{GJ} =$



Circunferencia = 37.7 m

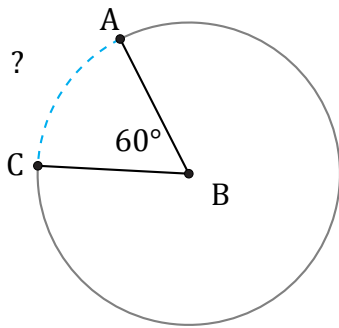
$\angle RST =$

# Amplitud y Longitud de Arcos (C) Respuestas

Nombre: \_\_\_\_\_

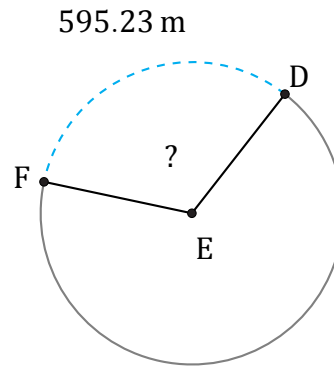
Fecha: \_\_\_\_\_

Calcule la amplitud angular o la longitud de cada arco.



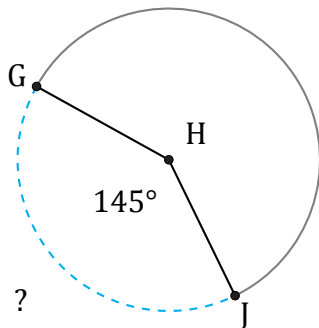
Circunferencia = 540.35 km

$$\widehat{AC} = \frac{60}{360} \times 540.35 = 90.06 \text{ km}$$



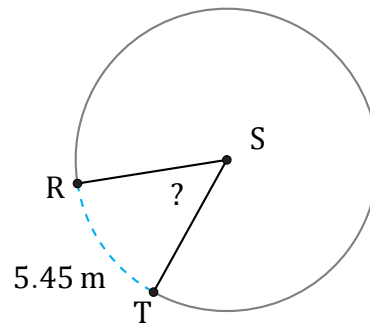
Circunferencia = 1847.26 m

$$\angle DEF = \frac{595.23}{1847.26} \times 360 = 116^\circ$$



Circunferencia = 270.18 cm

$$\widehat{GJ} = \frac{145}{360} \times 270.18 = 108.82 \text{ cm}$$



Circunferencia = 37.7 m

$$\angle RST = \frac{5.45}{37.7} \times 360 = 52^\circ$$