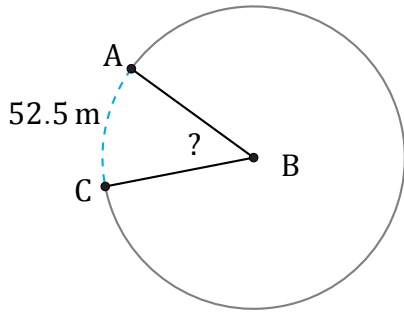


# Amplitud y Longitud de Arcos (B)

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

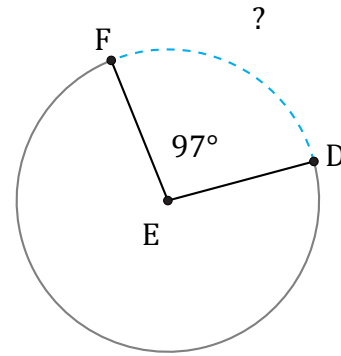
Fecha: \_\_\_\_\_

Calcule la amplitud angular o la longitud de cada arco.



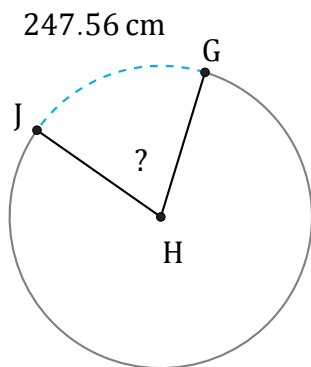
Diámetro = 128 m

$\angle ABC =$



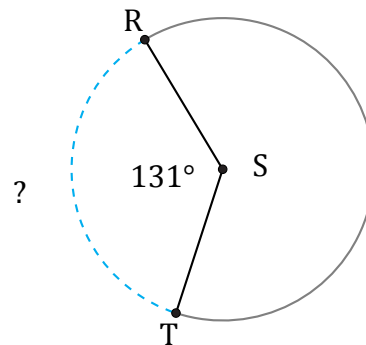
Diámetro = 860 mm

$\widehat{DF} =$



Diámetro = 394 cm

$\angle GHJ =$



Diámetro = 12 cm

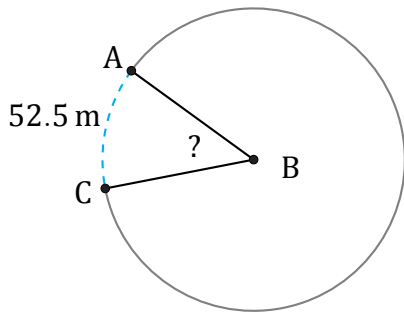
$\widehat{RT} =$

# Amplitud y Longitud de Arcos (B) Respuestas

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

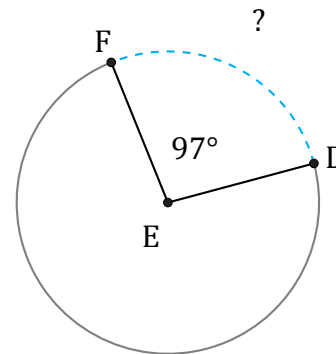
Fecha: \_\_\_\_\_

Calcule la amplitud angular o la longitud de cada arco.



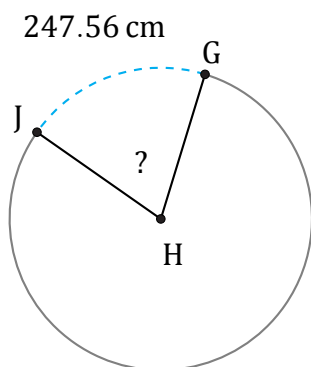
Diámetro = 128 m

$$\angle ABC = \frac{52.5}{128 \times \pi} \times 360 = 47^\circ$$



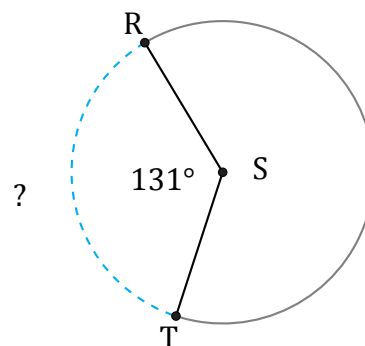
Diámetro = 860 mm

$$\widehat{DF} = \frac{97}{360} \times \pi \times 860 = 727.98 \text{ mm}$$



Diámetro = 394 cm

$$\angle GHJ = \frac{247.56}{394 \times \pi} \times 360 = 72^\circ$$



Diámetro = 12 cm

$$\widehat{RT} = \frac{131}{360} \times \pi \times 12 = 13.72 \text{ cm}$$