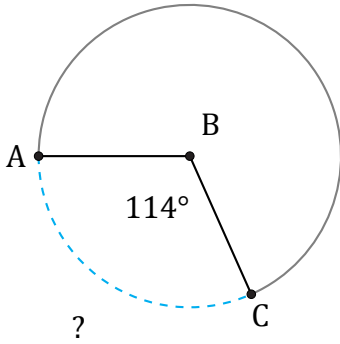


# Longitud de Arcos (J)

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

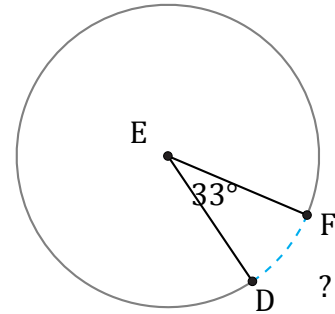
Fecha: \_\_\_\_\_

Calcule la longitud de cada arco.



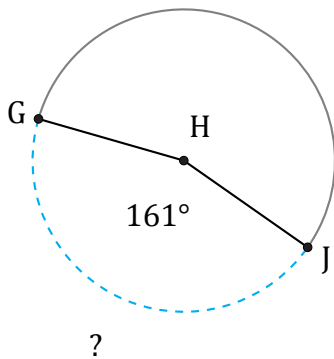
Radio = 408 mm

$\widehat{AC} =$



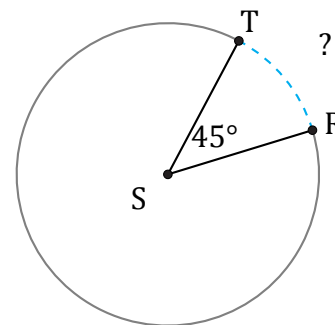
Radio = 46 km

$\widehat{DF} =$



Circunferencia = 1156.11 mm

$\widehat{GJ} =$



Diámetro = 10 mm

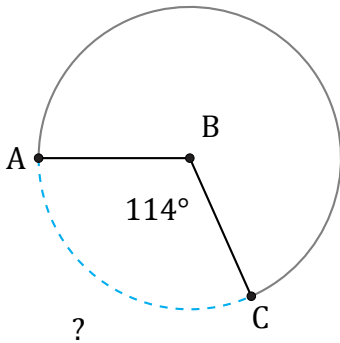
$\widehat{RT} =$

# Longitud de Arcos (J) Respuestas

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

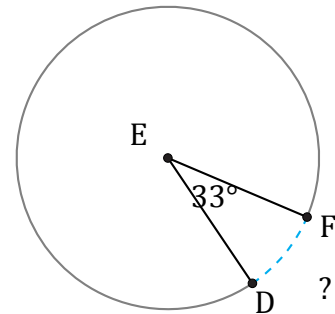
Fecha: \_\_\_\_\_

Calcule la longitud de cada arco.



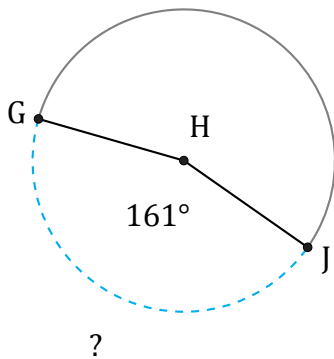
Radio = 408 mm

$$\widehat{AC} = \frac{114}{360} \times \pi \times 408 \times 2 = 811.79 \text{ mm}$$



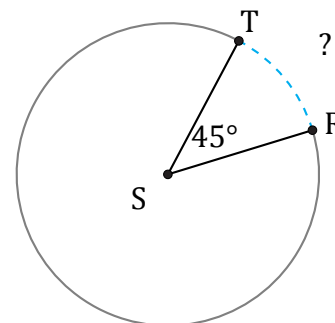
Radio = 46 km

$$\widehat{DF} = \frac{33}{360} \times \pi \times 46 \times 2 = 26.49 \text{ km}$$



Circunferencia = 1156.11 mm

$$\widehat{GJ} = \frac{161}{360} \times 1156.11 = 517.04 \text{ mm}$$



Diámetro = 10 mm

$$\widehat{RT} = \frac{45}{360} \times \pi \times 10 = 3.93 \text{ mm}$$