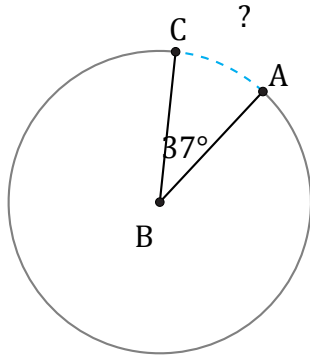


# Longitud de Arcos (B)

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

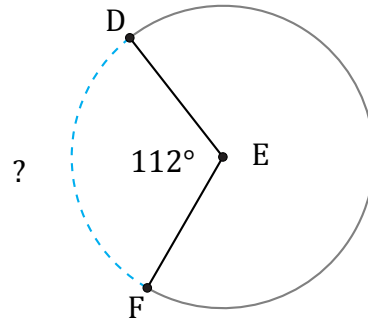
Fecha: \_\_\_\_\_

Calcule la longitud de cada arco.



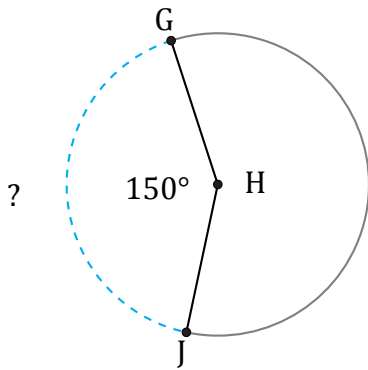
Radio = 75 mi

$\widehat{AC} =$



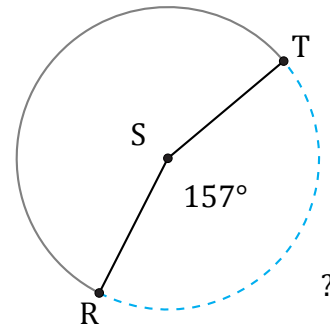
Radio = 847 in

$\widehat{DF} =$



Diámetro = 1034 km

$\widehat{GJ} =$



Diámetro = 190 km

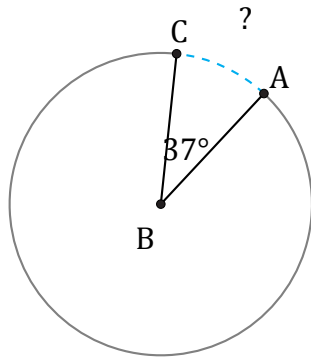
$\widehat{RT} =$

# Longitud de Arcos (B) Respuestas

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

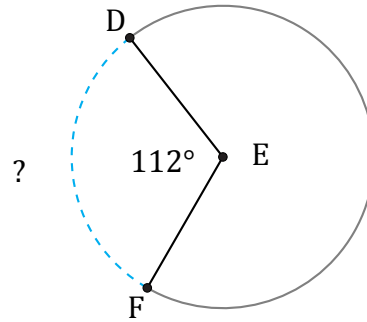
Fecha: \_\_\_\_\_

Calcule la longitud de cada arco.



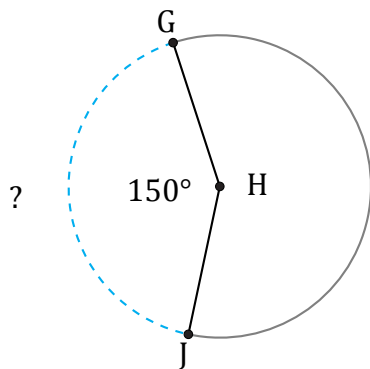
Radio = 75 mi

$$\widehat{AC} = \frac{37}{360} \times \pi \times 75 \times 2 = 48.43 \text{ mi}$$



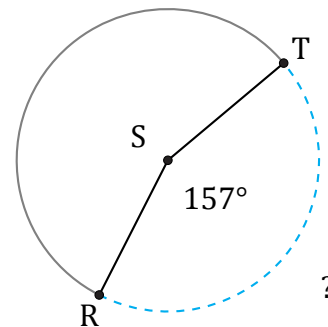
Radio = 847 in

$$\widehat{DF} = \frac{112}{360} \times \pi \times 847 \times 2 = 1655.69 \text{ in}$$



Diámetro = 1034 km

$$\widehat{GJ} = \frac{150}{360} \times \pi \times 1034 = 1353.5 \text{ km}$$



Diámetro = 190 km

$$\widehat{RT} = \frac{157}{360} \times \pi \times 190 = 260.32 \text{ km}$$