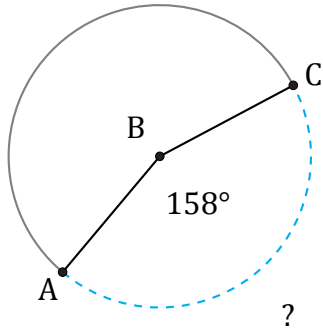


Amplitud y Longitud de Arcos (D)

Nombre: _____

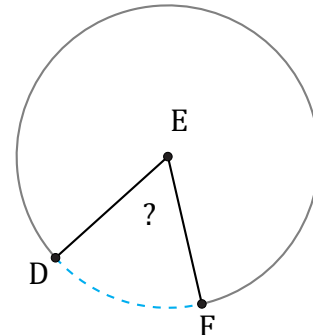
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



Radio = 10 m

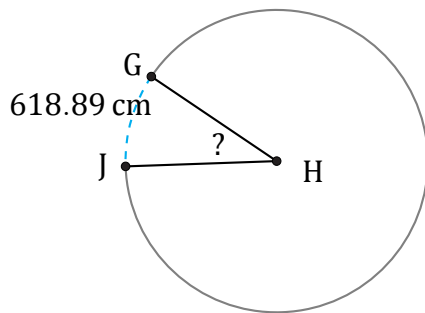
$\widehat{AC} =$



2.13 mm

Radio = 2 mm

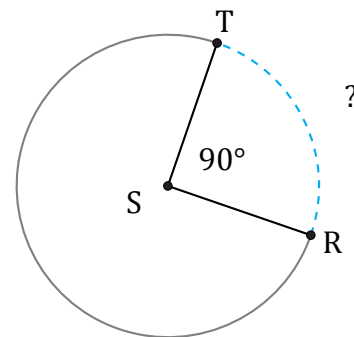
$\angle DEF =$



618.89 cm

Radio = 985 cm

$\angle GHJ =$



Radio = 64 mm

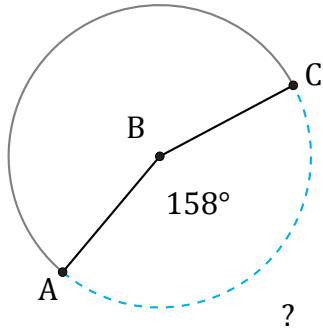
$\widehat{RT} =$

Amplitud y Longitud de Arcos (D) Respuestas

Nombre: _____

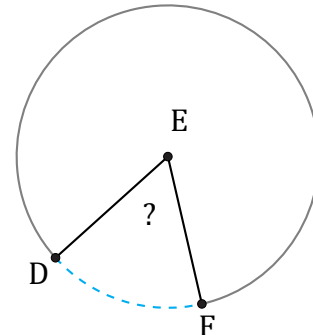
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



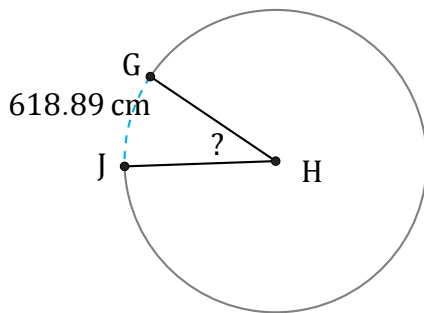
Radio = 10 m

$$\widehat{AC} = \frac{158}{360} \times \pi \times 10 \times 2 = 27.58 \text{ m}$$



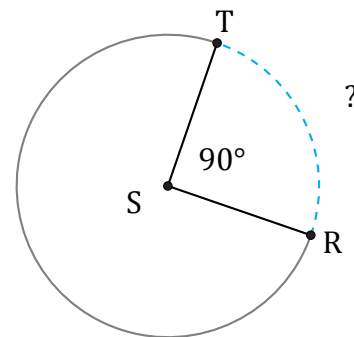
Radio = 2 mm

$$\angle DEF = \frac{2.13}{2 \times \pi \times 2} \times 360 = 61^\circ$$



Radio = 985 cm

$$\angle GHJ = \frac{618.89}{985 \times \pi \times 2} \times 360 = 36^\circ$$



Radio = 64 mm

$$\widehat{RT} = \frac{90}{360} \times \pi \times 64 \times 2 = 100.53 \text{ mm}$$