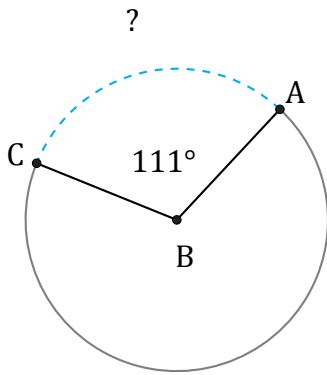


Amplitud y Longitud de Arcos (E)

Nombre: _____

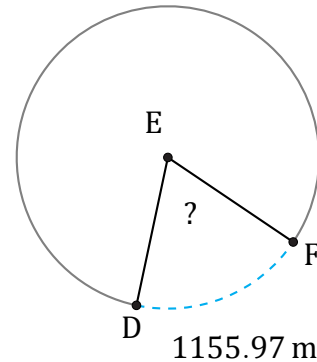
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



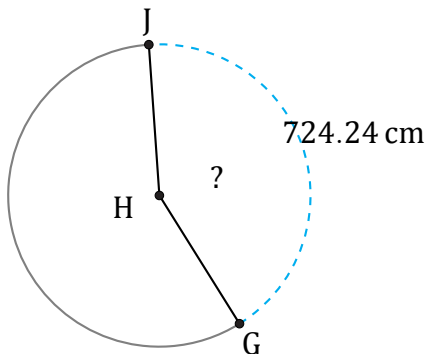
Radio = 44 in

$\widehat{AC} =$



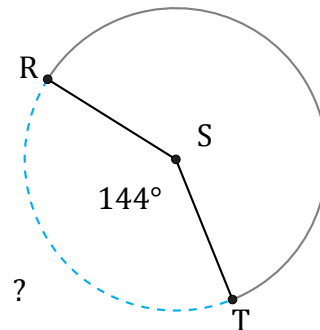
Radio = 974 m

$\angle DEF =$



Radio = 273 cm

$\angle GHJ =$



Radio = 8 AU

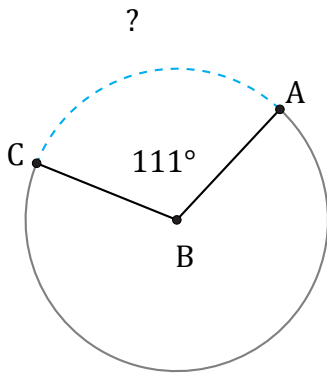
$\widehat{RT} =$

Amplitud y Longitud de Arcos (E) Respuestas

Nombre: _____

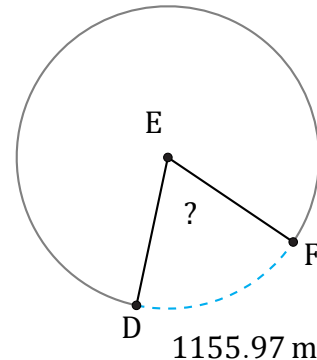
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



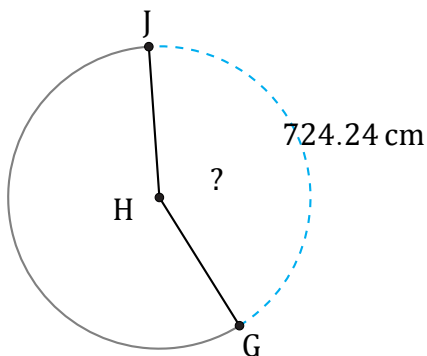
Radio = 44 in

$$\widehat{AC} = \frac{111}{360} \times \pi \times 44 \times 2 = 85.24 \text{ in}$$



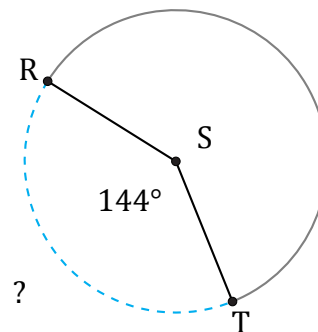
Radio = 974 m

$$\angle DEF = \frac{1155.97}{974 \times \pi \times 2} \times 360 = 68^\circ$$



Radio = 273 cm

$$\angle GHJ = \frac{724.24}{273 \times \pi \times 2} \times 360 = 152^\circ$$



Radio = 8 AU

$$\widehat{RT} = \frac{144}{360} \times \pi \times 8 \times 2 = 20.11 \text{ AU}$$