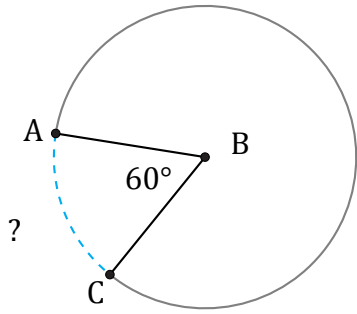


Amplitud y Longitud de Arcos (I)

Nombre: _____

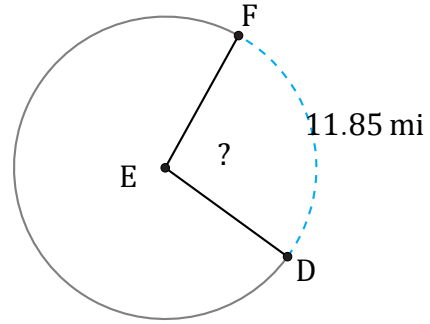
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



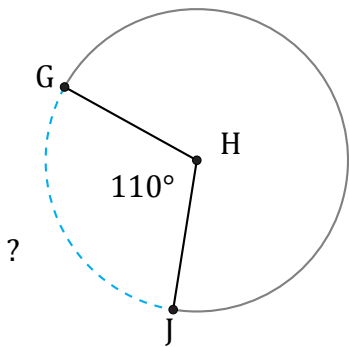
Diámetro = 10 cm

$\widehat{AC} =$



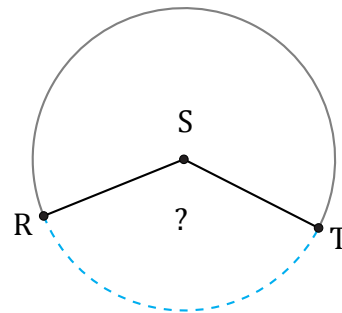
Diámetro = 14 mi

$\angle DEF =$



Diámetro = 1782 cm

$\widehat{GJ} =$



9.15 ft

Diámetro = 8 ft

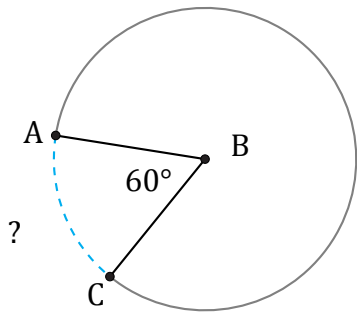
$\angle RST =$

Amplitud y Longitud de Arcos (I) Respuestas

Nombre: _____

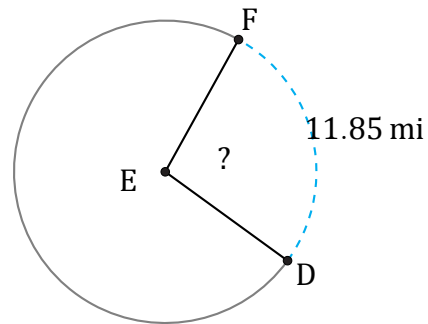
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



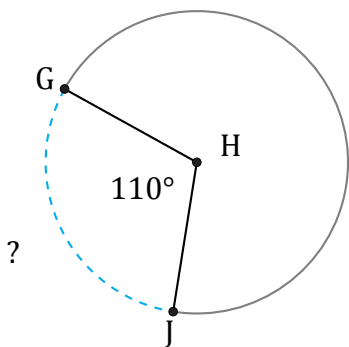
Diámetro = 10 cm

$$\widehat{AC} = \frac{60}{360} \times \pi \times 10 = 5.24 \text{ cm}$$



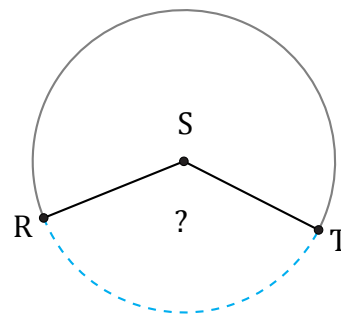
Diámetro = 14 mi

$$\angle DEF = \frac{11.85}{14 \times \pi} \times 360 = 97^\circ$$



Diámetro = 1782 cm

$$\widehat{GJ} = \frac{110}{360} \times \pi \times 1782 = 1710.6 \text{ cm}$$



9.15 ft

Diámetro = 8 ft

$$\angle RST = \frac{9.15}{8 \times \pi} \times 360 = 131.1^\circ$$