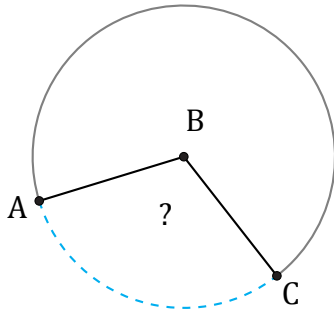


Amplitud de Arcos (J)

Nombre: _____

Fecha: _____

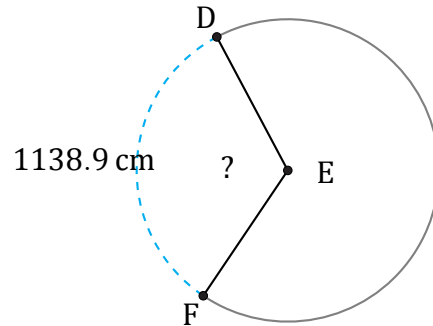
Calcule la amplitud angular de cada arco.



7.75 in

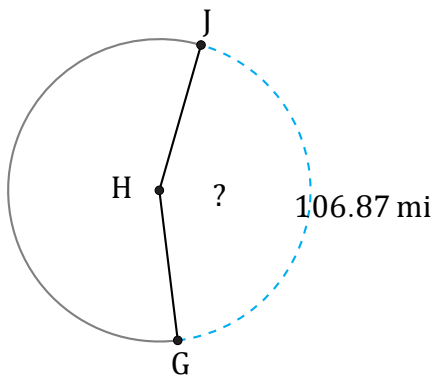
Diámetro = 8 in

$\angle ABC =$



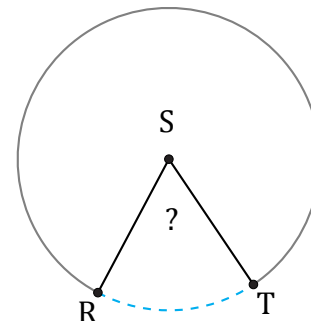
Radio = 553 cm

$\angle DEF =$



Diámetro = 78 mi

$\angle GHJ =$



Radio = 58 in

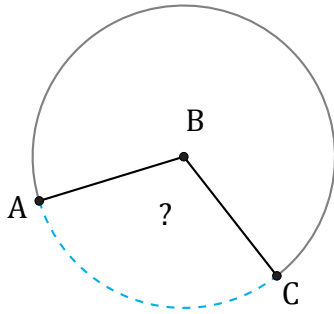
$\angle RST =$

Amplitud de Arcos (J) Respuestas

Nombre: _____

Fecha: _____

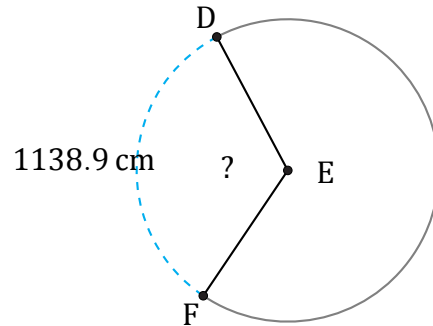
Calcule la amplitud angular de cada arco.



7.75 in

Diámetro = 8 in

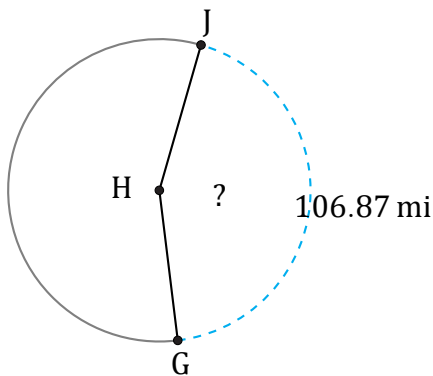
$$\angle ABC = \frac{7.75}{8 \times \pi} \times 360 = 111^\circ$$



1138.9 cm

Radio = 553 cm

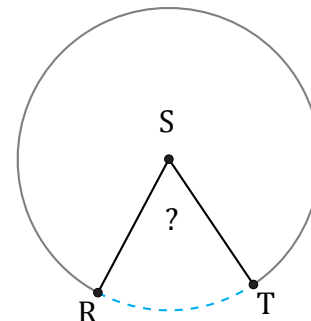
$$\angle DEF = \frac{1138.9}{553 \times \pi \times 2} \times 360 = 118^\circ$$



106.87 mi

Diámetro = 78 mi

$$\angle GHJ = \frac{106.87}{78 \times \pi} \times 360 = 157^\circ$$



62.76 in

Radio = 58 in

$$\angle RST = \frac{62.76}{58 \times \pi \times 2} \times 360 = 62^\circ$$