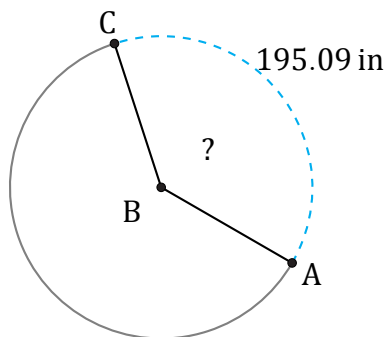


# Amplitud de Arcos (E)

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

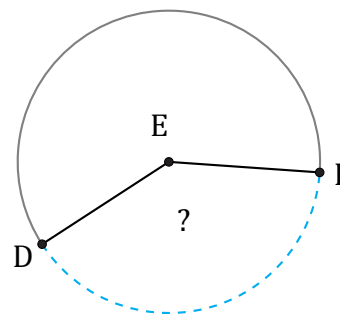
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



Radio = 81 in

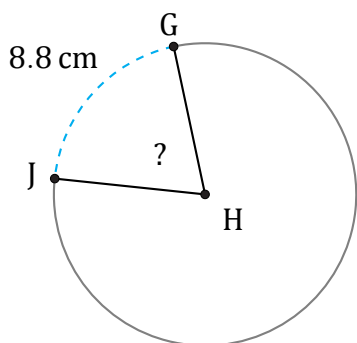
$\angle ABC =$



741.26 mm

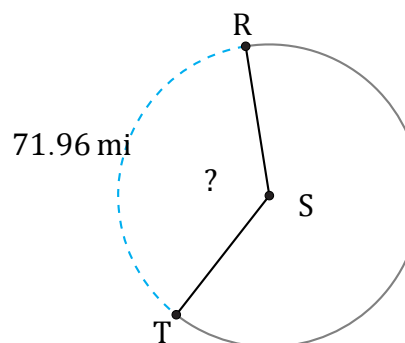
Diámetro = 594 mm

$\angle DEF =$



Radio = 7 cm

$\angle GHJ =$



Circunferencia = 194.78 mi

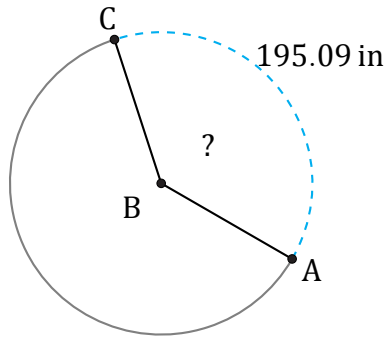
$\angle RST =$

# Amplitud de Arcos (E) Respuestas

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

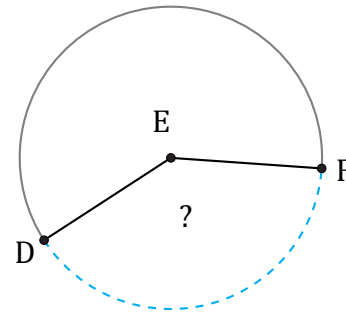
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



Radio = 81 in

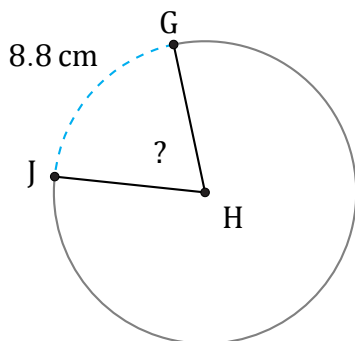
$$\angle ABC = \frac{195.09}{81 \times \pi \times 2} \times 360 = 138^\circ$$



741.26 mm

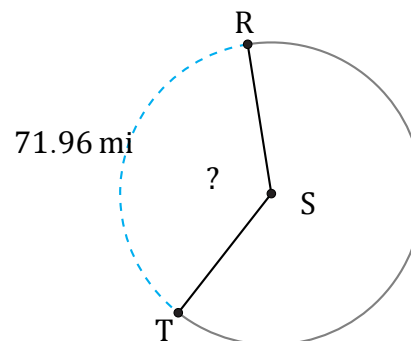
Diámetro = 594 mm

$$\angle DEF = \frac{741.26}{594 \times \pi} \times 360 = 143^\circ$$



Radio = 7 cm

$$\angle GHJ = \frac{8.8}{7 \times \pi \times 2} \times 360 = 72^\circ$$



Circunferencia = 194.78 mi

$$\angle RST = \frac{71.96}{194.78} \times 360 = 133^\circ$$