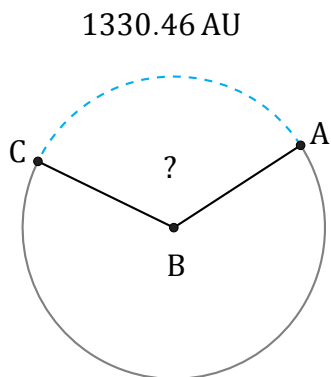


# Amplitud de Arcos (C)

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

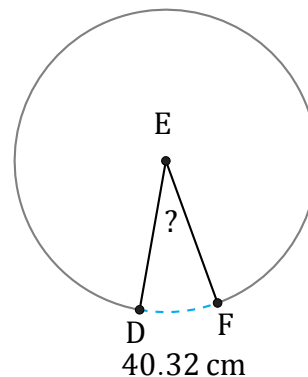
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



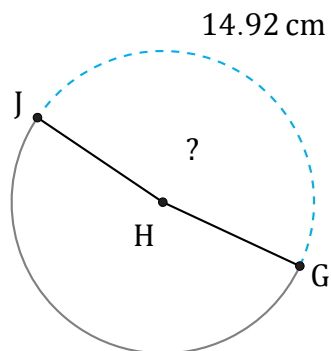
Radio = 630 AU

$\angle ABC =$



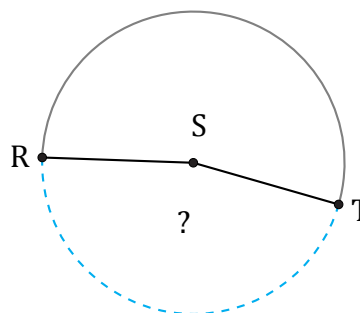
Diámetro = 154 cm

$\angle DEF =$



Diámetro = 10 cm

$\angle GHJ =$



8.69 in

Circunferencia = 18.85 in

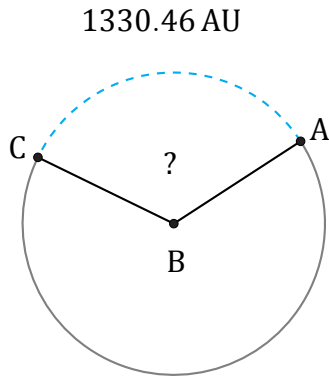
$\angle RST =$

# Amplitud de Arcos (C) Respuestas

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

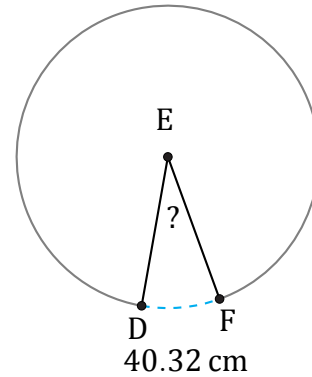
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



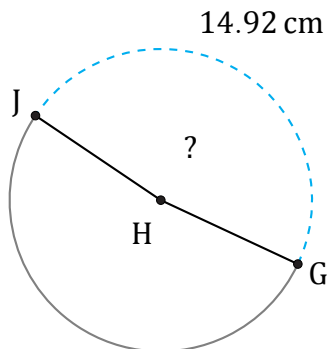
Radio = 630 AU

$$\angle ABC = \frac{1330.46}{630 \times \pi \times 2} \times 360 = 121^\circ$$



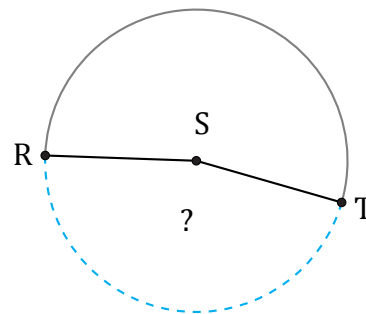
Diámetro = 154 cm

$$\angle DEF = \frac{40.32}{154 \times \pi} \times 360 = 30^\circ$$



Diámetro = 10 cm

$$\angle GHJ = \frac{14.92}{10 \times \pi} \times 360 = 171^\circ$$



8.69 in

Circunferencia = 18.85 in

$$\angle RST = \frac{8.69}{18.85} \times 360 = 166^\circ$$