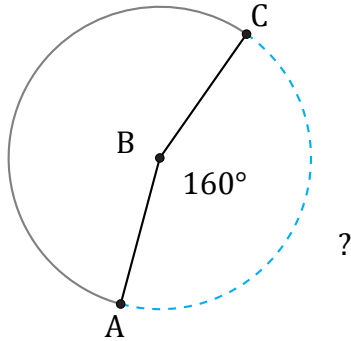


# Amplitud y Longitud de Arcos (A)

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

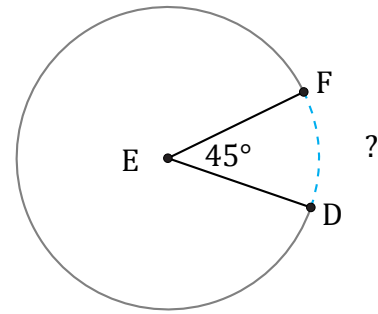
Fecha: \_\_\_\_\_

Calcule la amplitud angular o la longitud de cada arco.



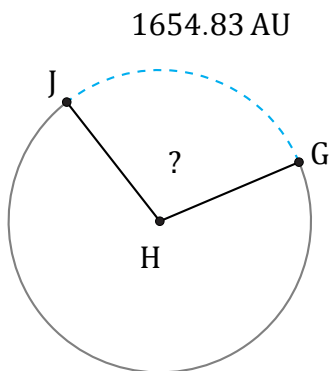
Diámetro = 1436 in

$\widehat{AC} =$



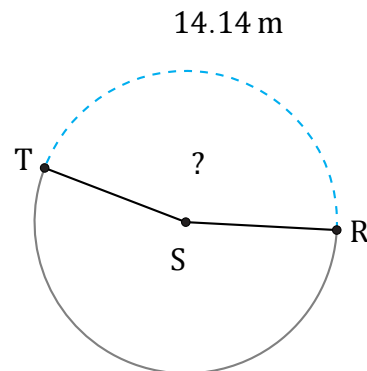
Diámetro = 166 mi

$\widehat{DF} =$



Diámetro = 1806 AU

$\angle GHJ =$



Diámetro = 10 m

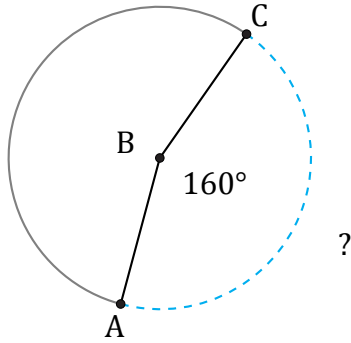
$\angle RST =$

# Amplitud y Longitud de Arcos (A) Respuestas

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

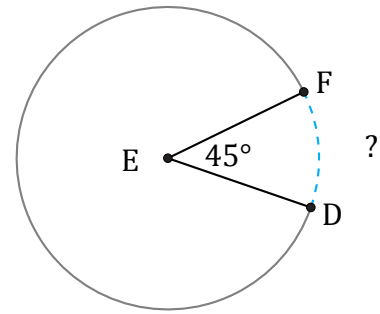
Fecha: \_\_\_\_\_

Calcule la amplitud angular o la longitud de cada arco.



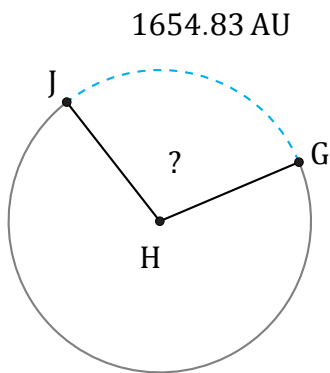
Diámetro = 1436 in

$$\widehat{AC} = \frac{160}{360} \times \pi \times 1436 = 2005.03 \text{ in}$$



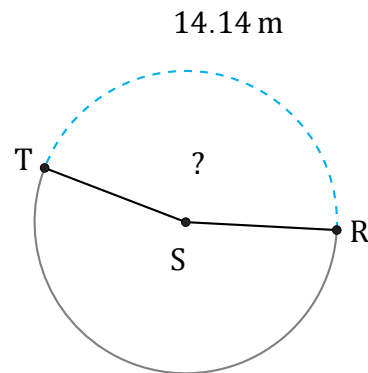
Diámetro = 166 mi

$$\widehat{DF} = \frac{45}{360} \times \pi \times 166 = 65.19 \text{ mi}$$



Diámetro = 1806 AU

$$\angle GHJ = \frac{1654.83}{1806 \times \pi} \times 360 = 105^\circ$$



Diámetro = 10 m

$$\angle RST = \frac{14.14}{10 \times \pi} \times 360 = 162^\circ$$