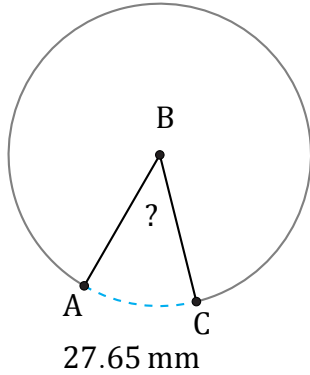


# Amplitud de Arcos (E)

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

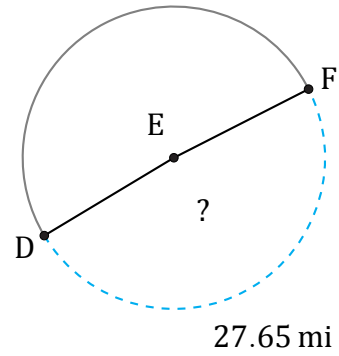
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



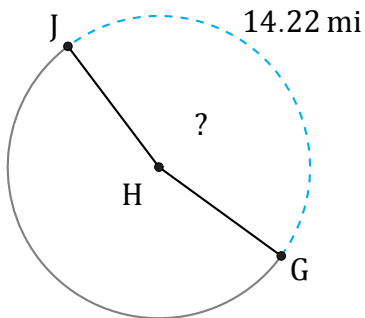
Diámetro =  $72 \text{ mm}$

$\angle ABC =$



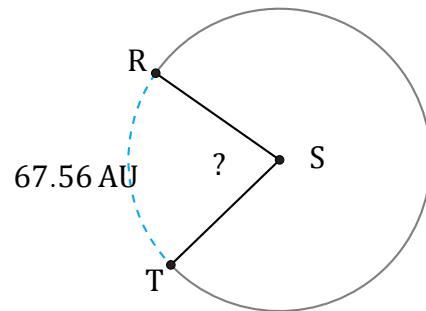
Diámetro =  $18 \text{ mi}$

$\angle DEF =$



Diámetro =  $10 \text{ mi}$

$\angle GHJ =$



Diámetro =  $98 \text{ AU}$

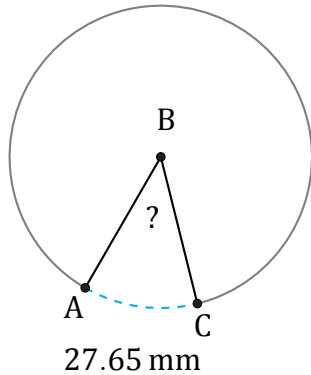
$\angle RST =$

# Amplitud de Arcos (E) Respuestas

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

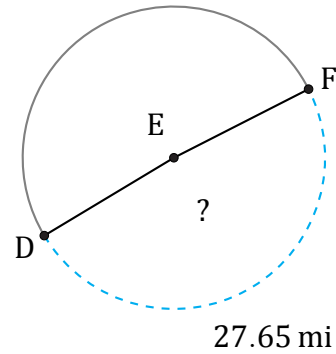
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



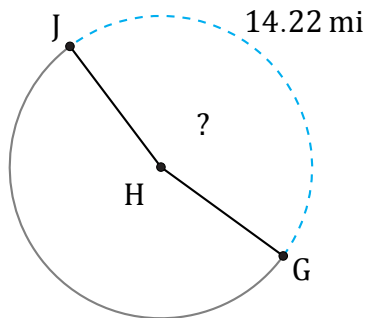
Diámetro = 72 mm

$$\angle ABC = \frac{27.65}{72 \times \pi} \times 360 = 44^\circ$$



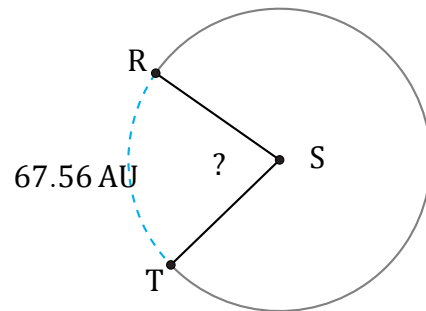
Diámetro = 18 mi

$$\angle DEF = \frac{27.65}{18 \times \pi} \times 360 = 176^\circ$$



Diámetro = 10 mi

$$\angle GHJ = \frac{14.22}{10 \times \pi} \times 360 = 162.9^\circ$$



Diámetro = 98 AU

$$\angle RST = \frac{67.56}{98 \times \pi} \times 360 = 79^\circ$$