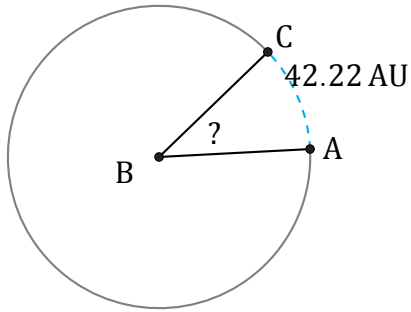


Amplitud de Arcos (I)

Nombre: _____

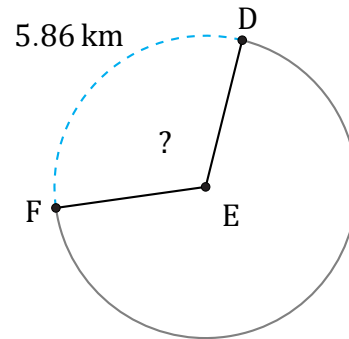
Fecha: _____

Calcule la amplitud angular de cada arco.



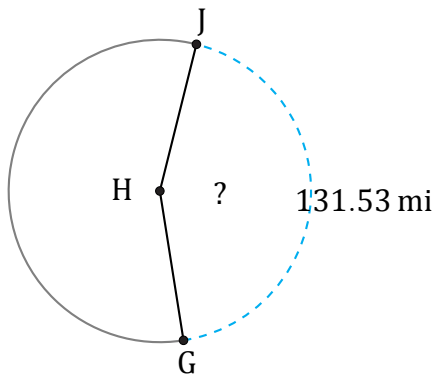
Diámetro = 118 AU

$\angle ABC =$



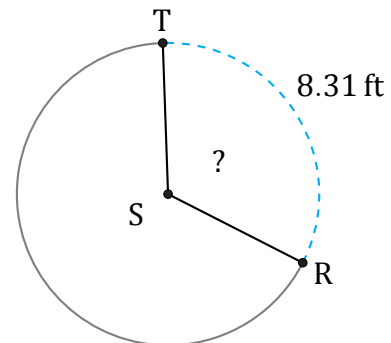
Diámetro = 6 km

$\angle DEF =$



Radio = 48 mi

$\angle GHJ =$



Radio = 4 ft

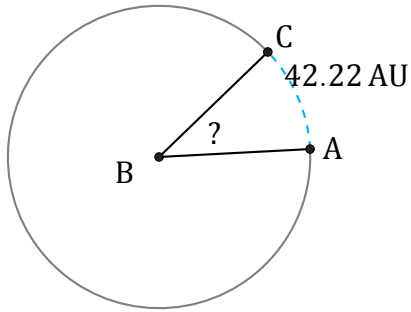
$\angle RST =$

Amplitud de Arcos (I) Respuestas

Nombre: _____

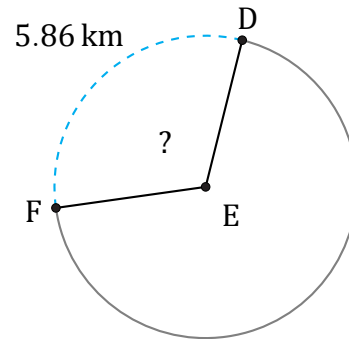
Fecha: _____

Calcule la amplitud angular de cada arco.



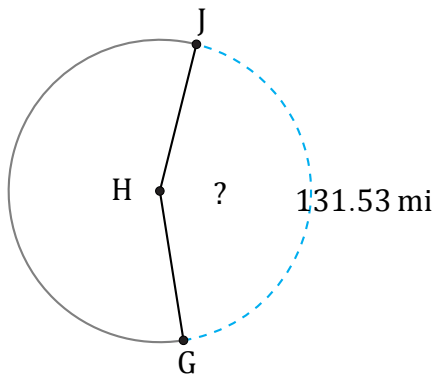
Diámetro = 118 AU

$$\angle ABC = \frac{42.22}{118 \times \pi} \times 360 = 41^\circ$$



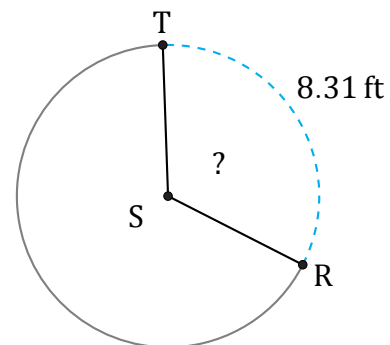
Diámetro = 6 km

$$\angle DEF = \frac{5.86}{6 \times \pi} \times 360 = 111.9^\circ$$



Radio = 48 mi

$$\angle GHJ = \frac{131.53}{48 \times \pi \times 2} \times 360 = 157^\circ$$



Radio = 4 ft

$$\angle RST = \frac{8.31}{4 \times \pi \times 2} \times 360 = 119^\circ$$