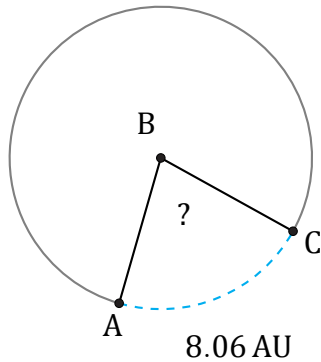


# Amplitud de Arcos (I)

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

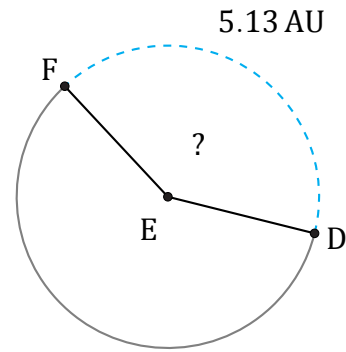
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



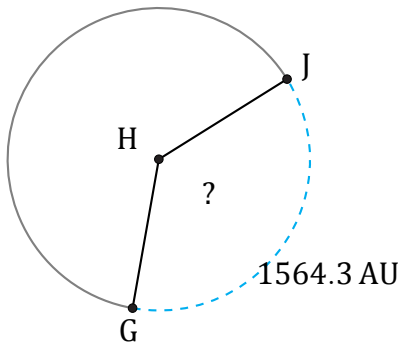
Radio = 6 AU

$\angle ABC =$



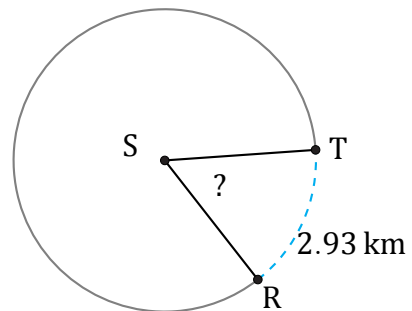
Radio = 2 AU

$\angle DEF =$



Radio = 679 AU

$\angle GHJ =$



Radio = 3 km

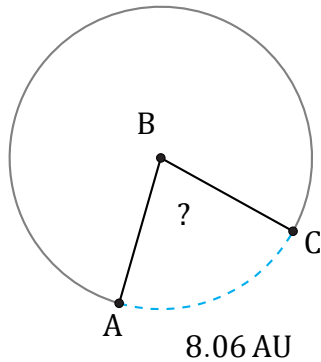
$\angle RST =$

# Amplitud de Arcos (I) Respuestas

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

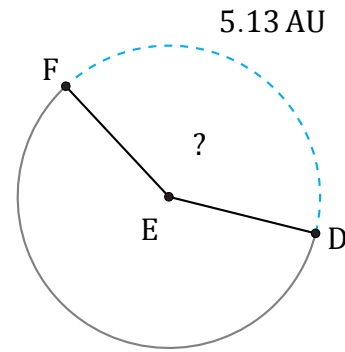
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



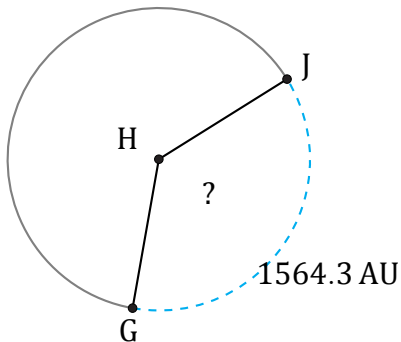
Radio = 6 AU

$$\angle ABC = \frac{8.06}{6 \times \pi \times 2} \times 360 = 77^\circ$$



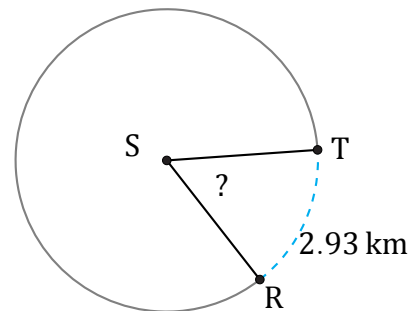
Radio = 2 AU

$$\angle DEF = \frac{5.13}{2 \times \pi \times 2} \times 360 = 147^\circ$$



Radio = 679 AU

$$\angle GHJ = \frac{1564.3}{679 \times \pi \times 2} \times 360 = 132^\circ$$



Radio = 3 km

$$\angle RST = \frac{2.93}{3 \times \pi \times 2} \times 360 = 56^\circ$$