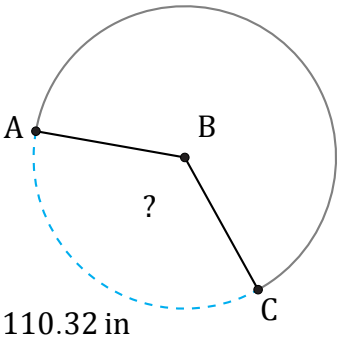
Amplitud de Arcos (B)

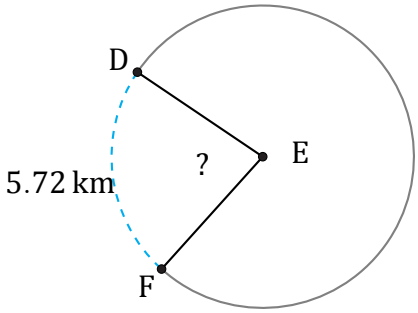
Nombre: _____ Fecha: _____

Calcule la amplitud angular de cada arco.



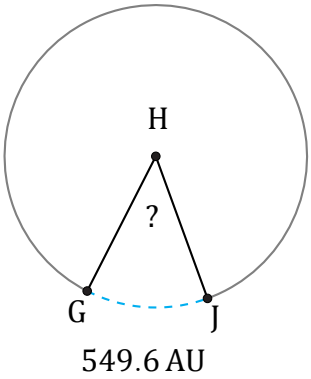
Circunferencia = 307.88 in

∠ABC =



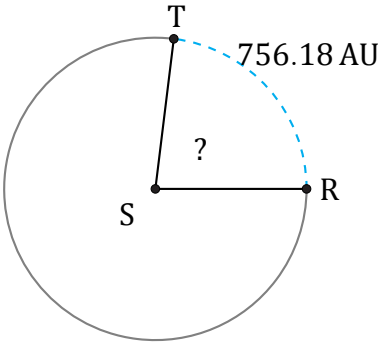
Radio = 4 km

∠DEF =



Diámetro = 1340 AU

∠GHJ =



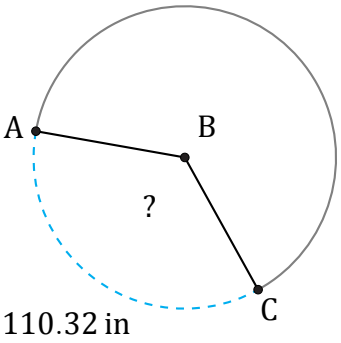
Circunferencia = 3279.82 AU

∠RST =

Amplitud de Arcos (B) Respuestas

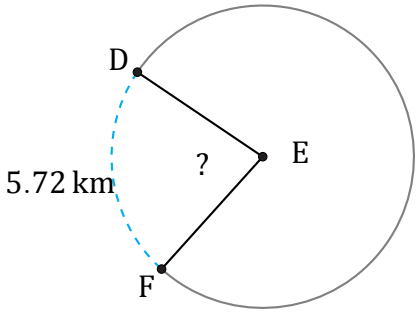
Nombre: _____ Fecha: _____

Calcule la amplitud angular de cada arco.



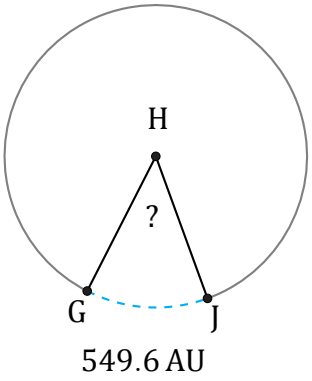
Circunferencia = 307.88 in

$\angle ABC = \frac{110.32}{307.88} \times 360 = 129°$



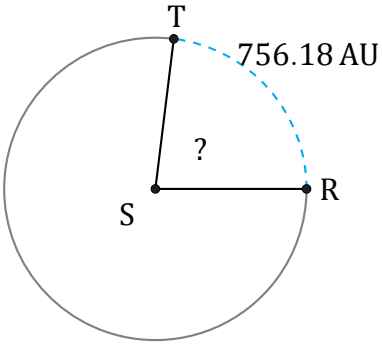
Radio = 4 km

$\angle DEF = \frac{5.72}{4 \times \pi \times 2} \times 360 = 81.9°$



Diámetro = 1340 AU

$\angle GHJ = \frac{549.6}{1340 \times \pi} \times 360 = 47°$



Circunferencia = 3279.82 AU

$\angle RST = \frac{756.18}{3279.82} \times 360 = 83°$