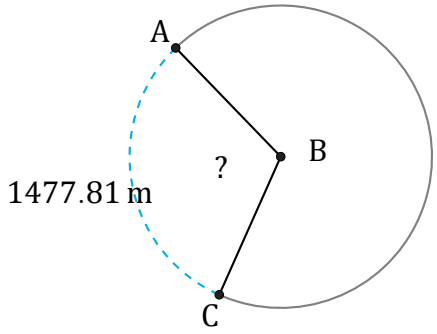
Amplitud de Arcos (G)

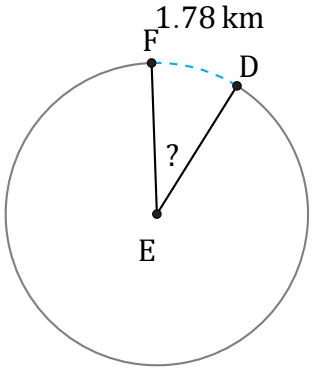
Nombre: _____ Fecha: _____

Calcule la amplitud angular de cada arco.



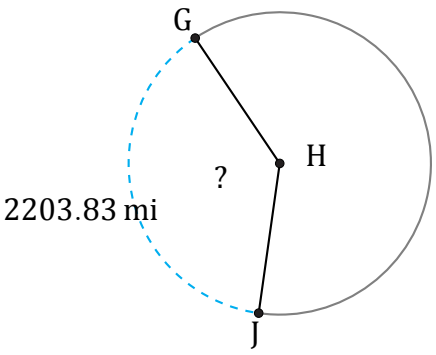
Circunferencia = 4750.09 m

∠ABC =



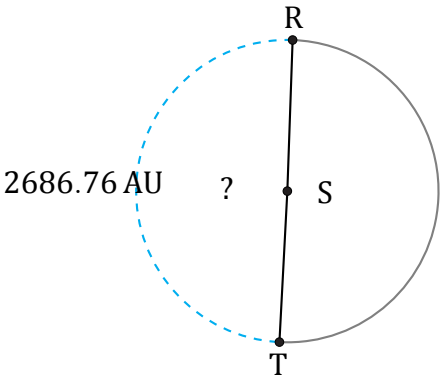
Circunferencia = 18.85 km

∠DEF =



Radio = 915 mi

∠GHJ =



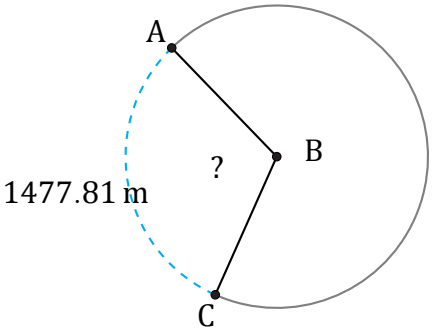
Diámetro = 1720 AU

∠RST =

Amplitud de Arcos (G) Respuestas

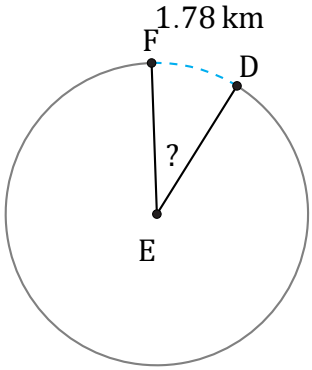
Nombre: _____ Fecha: _____

Calcule la amplitud angular de cada arco.



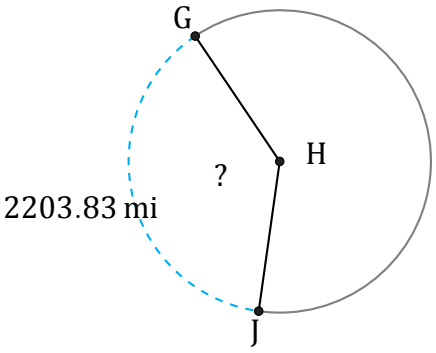
Circunferencia = 4750.09 m

$\angle ABC = \frac{1477.81}{4750.09} \times 360 = 112°$



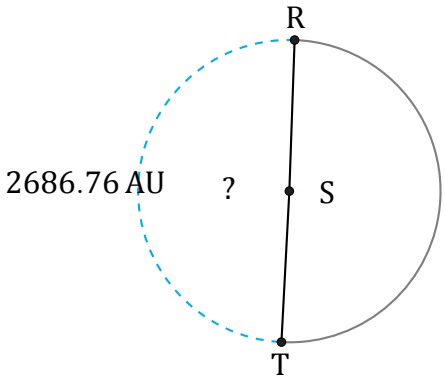
Circunferencia = 18.85 km

$\angle DEF = \frac{1.78}{18.85} \times 360 = 34°$



Radio = 915 mi

$\angle GHJ = \frac{2203.83}{915 \times \pi \times 2} \times 360 = 138°$



Diámetro = 1720 AU

$\angle RST = \frac{2686.76}{1720 \times \pi} \times 360 = 179°$