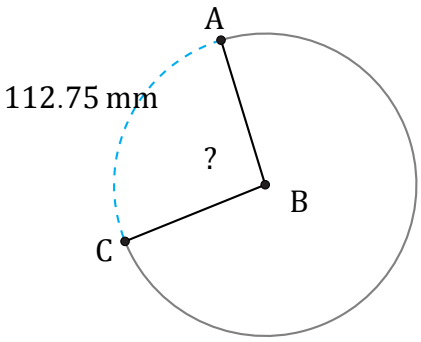
Amplitud de Arcos (J)

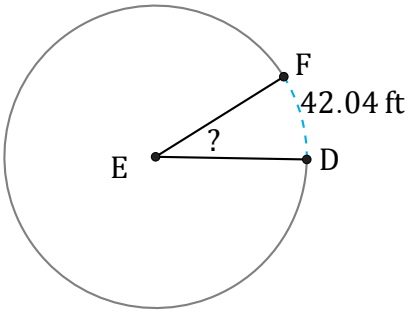
Nombre: _____ Fecha: _____

Calcule la amplitud angular de cada arco.



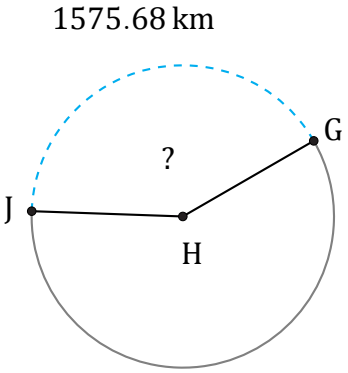
Radio = 68 mm

∠ABC =



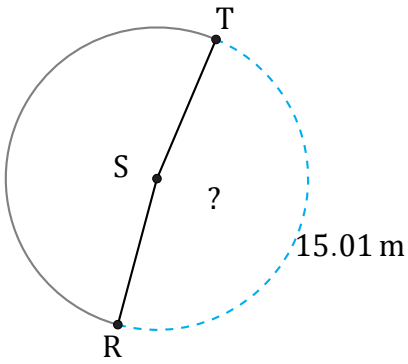
Radio = 73 ft

∠DEF =



Diámetro = 1220 km

∠GHJ =



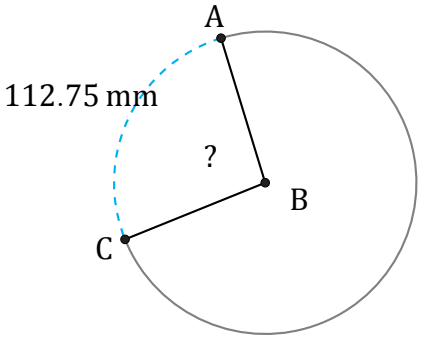
Circunferencia = 31.42 m

∠RST =

Amplitud de Arcos (J) Respuestas

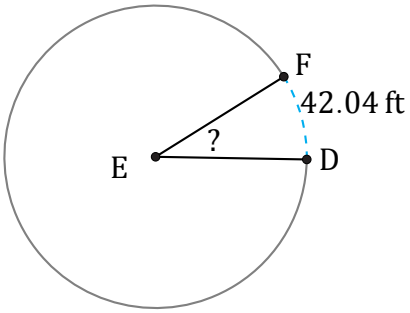
Nombre: _____ Fecha: _____

Calcule la amplitud angular de cada arco.



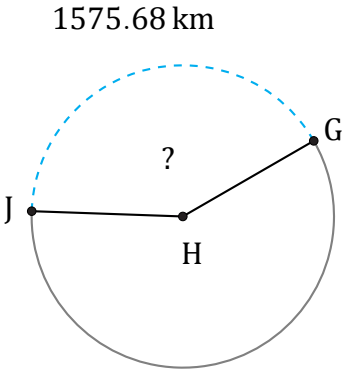
Radio = 68 mm

$\angle ABC = \frac{112.75}{68 \times \pi \times 2} \times 360 = 95°$



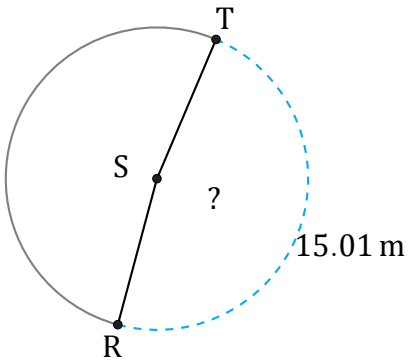
Radio = 73 ft

$\angle DEF = \frac{42.04}{73 \times \pi \times 2} \times 360 = 33°$



Diámetro = 1220 km

$\angle GHJ = \frac{1575.68}{1220 \times \pi} \times 360 = 148°$



Circunferencia = 31.42 m

$\angle RST = \frac{15.01}{31.42} \times 360 = 172°$