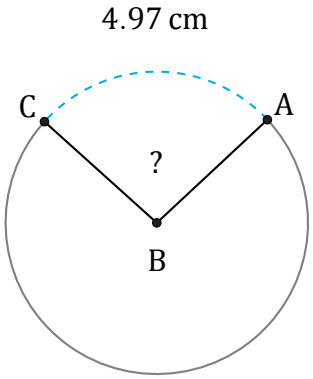
Amplitud de Arcos (E)

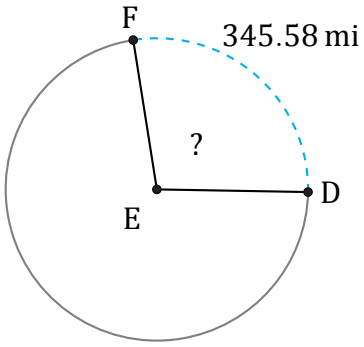
Nombre: _____ Fecha: _____

Calcule la amplitud angular de cada arco.



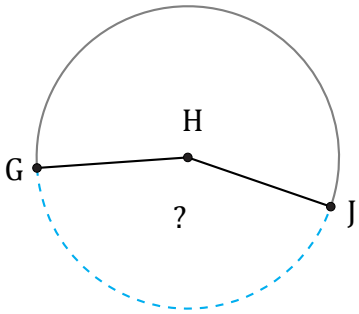
Diámetro = 6 cm

∠ABC =



Radio = 198 mi

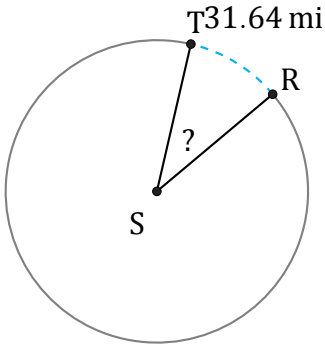
∠DEF =



216.47 in

Radio = 79 in

∠GHJ =



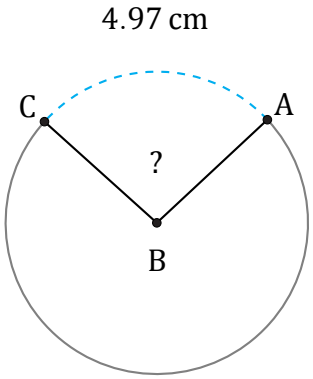
Diámetro = 98 mi

∠RST =

Amplitud de Arcos (E) Respuestas

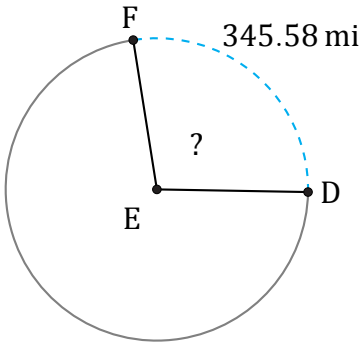
Nombre: _____ Fecha: _____

Calcule la amplitud angular de cada arco.



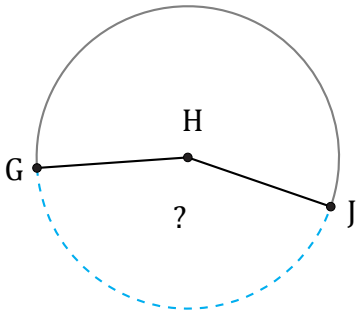
Diámetro = 6 cm

$\angle ABC = \frac{4.97}{6 \times \pi} \times 360 = 94.9°$



Radio = 198 mi

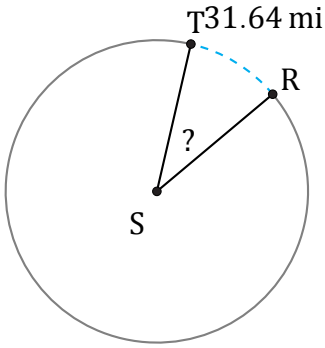
$\angle DEF = \frac{345.58}{198 \times \pi \times 2} \times 360 = 100°$



216.47 in

Radio = 79 in

$\angle GHJ = \frac{216.47}{79 \times \pi \times 2} \times 360 = 157°$



Diámetro = 98 mi

$\angle RST = \frac{31.64}{98 \times \pi} \times 360 = 37°$