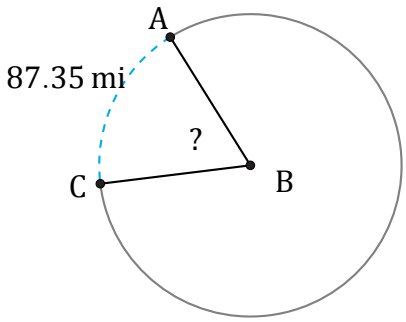
Amplitud de Arcos (E)

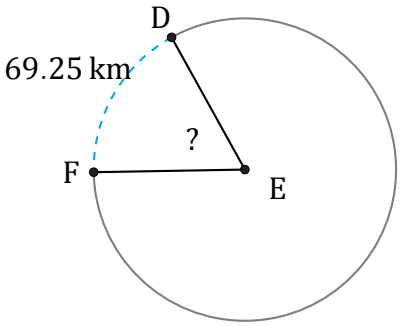
Nombre: _____ Fecha: _____

Calcule la amplitud angular de cada arco.



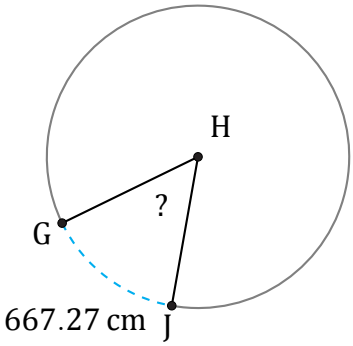
Radio = 77 mi

∠ABC =



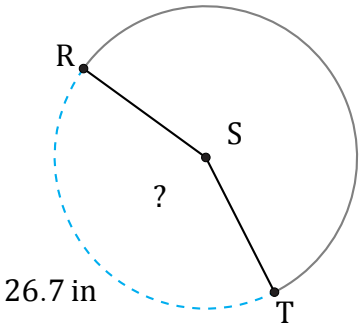
Radio = 64 km

∠DEF =



Radio = 708 cm

∠GHJ =



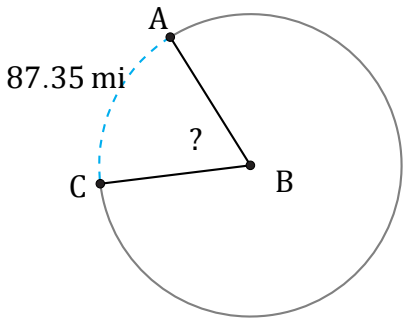
Radio = 10 in

∠RST =

Amplitud de Arcos (E) Respuestas

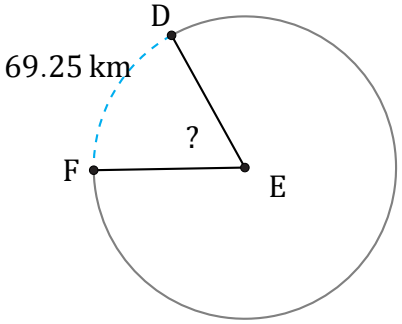
Nombre: _____ Fecha: _____

Calcule la amplitud angular de cada arco.



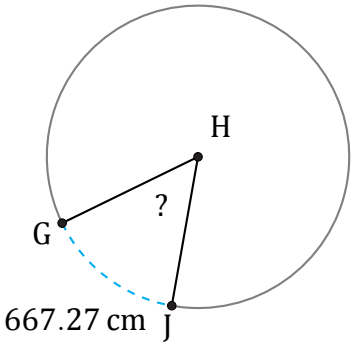
Radio = 77 mi

$\angle ABC = \frac{87.35}{77 \times \pi \times 2} \times 360 = 65°$



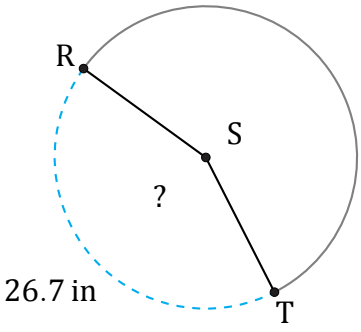
Radio = 64 km

$\angle DEF = \frac{69.25}{64 \times \pi \times 2} \times 360 = 62°$



Radio = 708 cm

$\angle GHJ = \frac{667.27}{708 \times \pi \times 2} \times 360 = 54°$



Radio = 10 in

$\angle RST = \frac{26.7}{10 \times \pi \times 2} \times 360 = 153°$