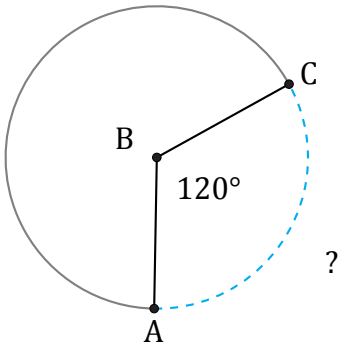
Longitud de Arcos (C)

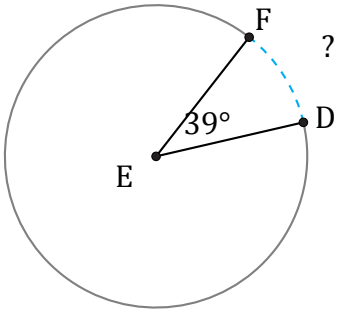
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



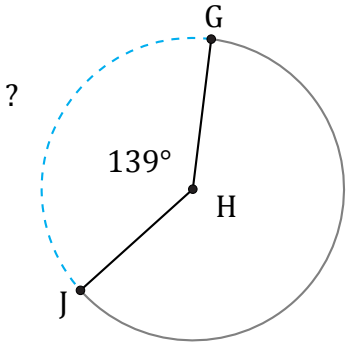
Diámetro = 162 in

$\overset{\frown}{AC}$ =



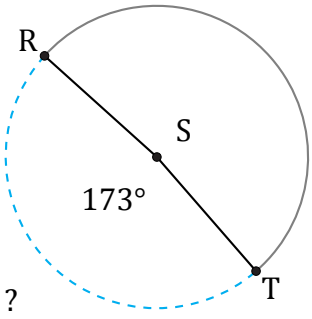
Diámetro = 4 ft

$\overset{\frown}{DF}$ =



Radio = 4 mi

$\overset{\frown}{GJ}$ =



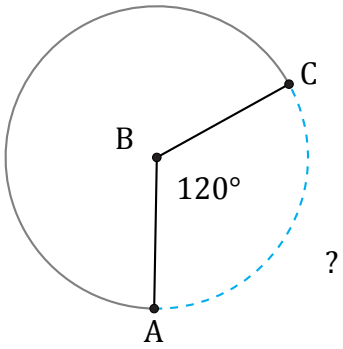
Radio = 7 ft

$\overset{\frown}{RT}$ =

Longitud de Arcos (C) Respuestas

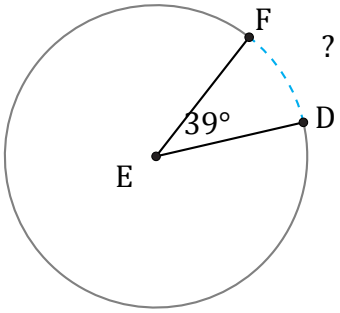
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



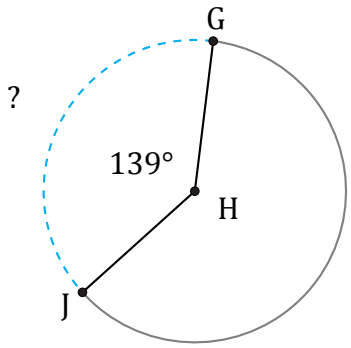
Diámetro = 162 in

$\overset{\frown}{AC} = \frac{120}{360} \times \pi \times 162 = 169.65$ in



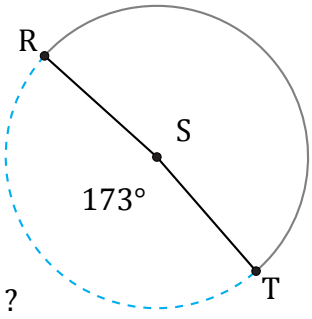
Diámetro = 4 ft

$\overset{\frown}{DF} = \frac{39}{360} \times \pi \times 4 = 1.36$ ft



Radio = 4 mi

$\overset{\frown}{GJ} = \frac{139}{360} \times \pi \times 4 \times 2 = 9.7$ mi



Radio = 7 ft

$\overset{\frown}{RT} = \frac{173}{360} \times \pi \times 7 \times 2 = 21.14$ ft