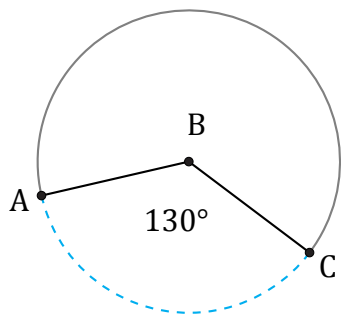


Longitud de Arcos (J)

Nombre: _____

Fecha: _____

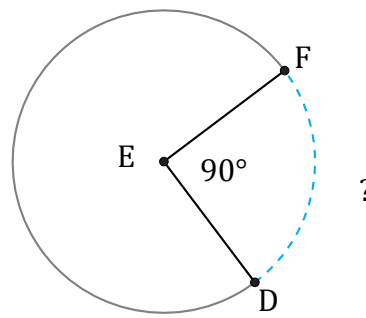
Calcule la longitud de cada arco.



?

Radio = 5 mi

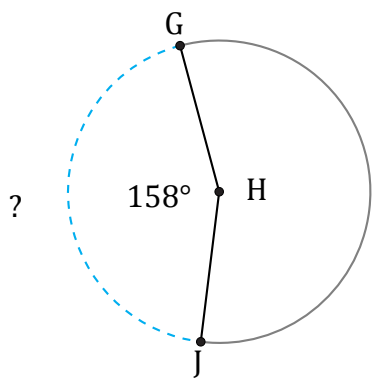
$\widehat{AC} =$



?

Diámetro = 1754 AU

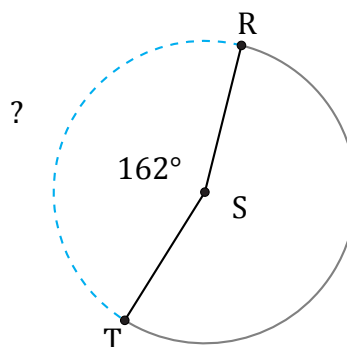
$\widehat{DF} =$



?

Diámetro = 16 ft

$\widehat{GJ} =$



?

Radio = 771 mm

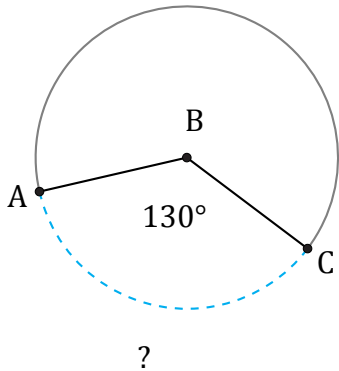
$\widehat{RT} =$

Longitud de Arcos (J) Respuestas

Nombre: _____

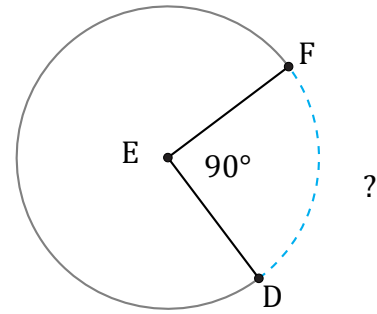
Fecha: _____

Calcule la longitud de cada arco.



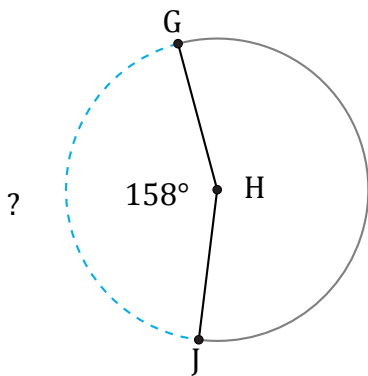
Radio = 5 mi

$$\widehat{AC} = \frac{130}{360} \times \pi \times 5 \times 2 = 11.34 \text{ mi}$$



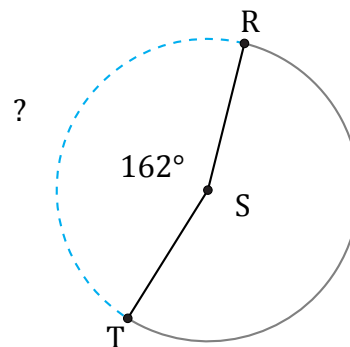
Diámetro = 1754 AU

$$\widehat{DF} = \frac{90}{360} \times \pi \times 1754 = 1377.59 \text{ AU}$$



Diámetro = 16 ft

$$\widehat{GJ} = \frac{158}{360} \times \pi \times 16 = 22.06 \text{ ft}$$



Radio = 771 mm

$$\widehat{RT} = \frac{162}{360} \times \pi \times 771 \times 2 = 2179.95 \text{ mm}$$