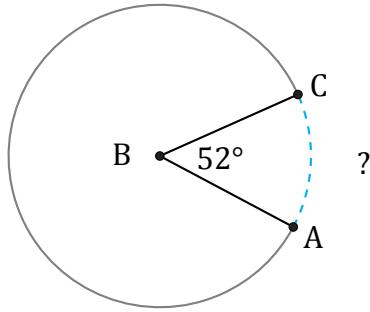


Longitud de Arcos (A)

Nombre: _____

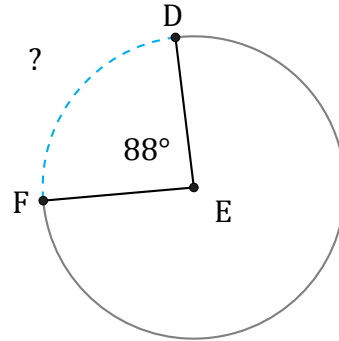
Fecha: _____

Calcule la longitud de cada arco.



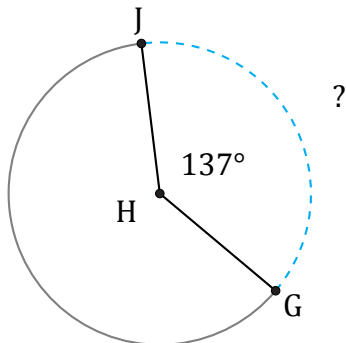
Radio = 23 mm

$\widehat{AC} =$



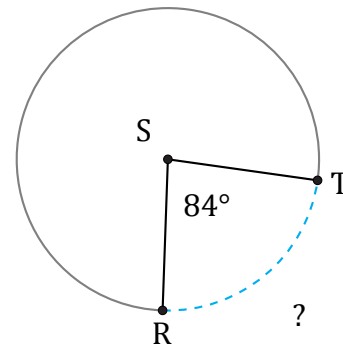
Radio = 29 AU

$\widehat{DF} =$



Radio = 276 mm

$\widehat{GJ} =$



Radio = 638 km

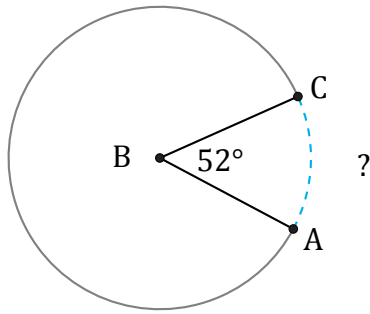
$\widehat{RT} =$

Longitud de Arcos (A) Respuestas

Nombre: _____

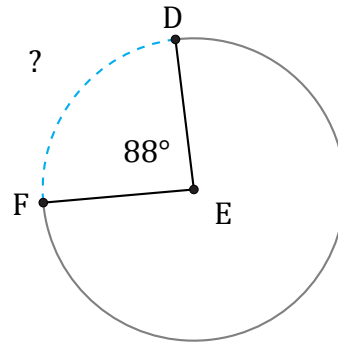
Fecha: _____

Calcule la longitud de cada arco.



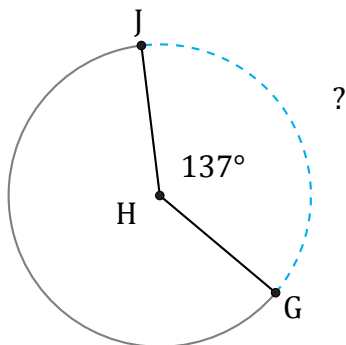
Radio = 23 mm

$$\widehat{AC} = \frac{52}{360} \times \pi \times 23 \times 2 = 20.87 \text{ mm}$$



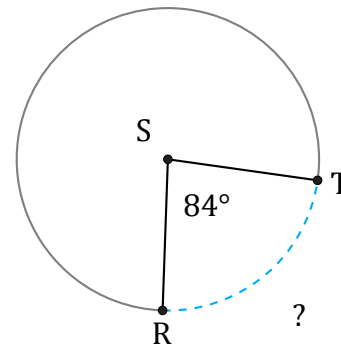
Radio = 29 AU

$$\widehat{DF} = \frac{88}{360} \times \pi \times 29 \times 2 = 44.54 \text{ AU}$$



Radio = 276 mm

$$\widehat{GJ} = \frac{137}{360} \times \pi \times 276 \times 2 = 659.94 \text{ mm}$$



Radio = 638 km

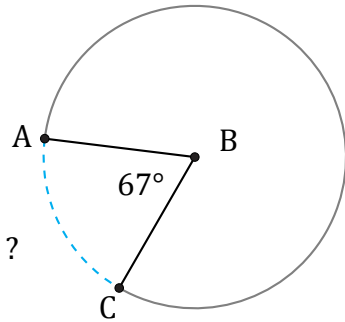
$$\widehat{RT} = \frac{84}{360} \times \pi \times 638 \times 2 = 935.36 \text{ km}$$

Longitud de Arcos (B)

Nombre: _____

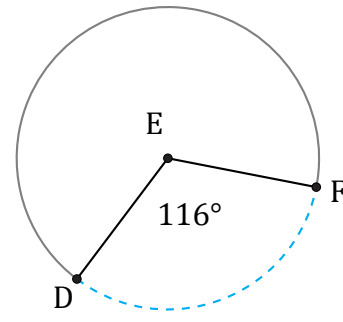
Fecha: _____

Calcule la longitud de cada arco.



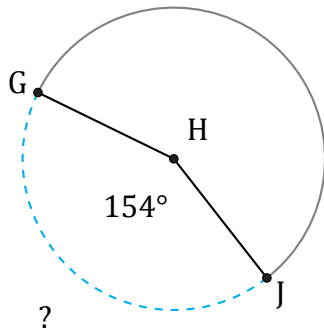
Radio = 82 m

$\widehat{AC} =$



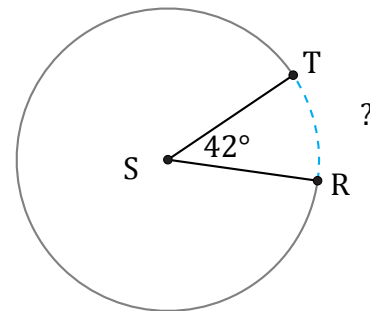
Radio = 8 in

$\widehat{DF} =$



Radio = 7 ft

$\widehat{GJ} =$



Radio = 906 in

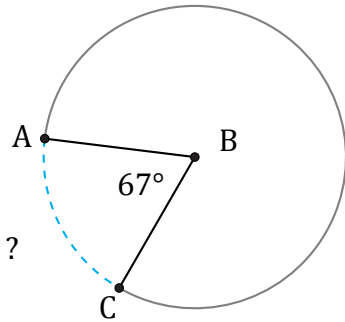
$\widehat{RT} =$

Longitud de Arcos (B) Respuestas

Nombre: _____

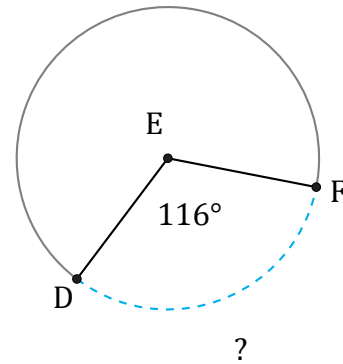
Fecha: _____

Calcule la longitud de cada arco.



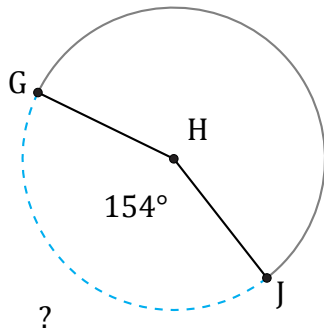
Radio = 82 m

$$\widehat{AC} = \frac{67}{360} \times \pi \times 82 \times 2 = 95.89 \text{ m}$$



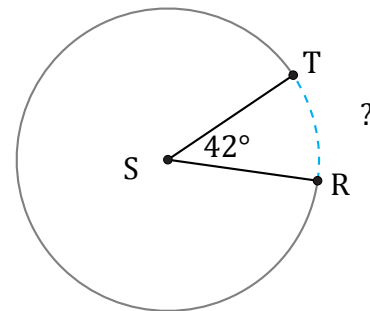
Radio = 8 in

$$\widehat{DF} = \frac{116}{360} \times \pi \times 8 \times 2 = 16.2 \text{ in}$$



Radio = 7 ft

$$\widehat{GJ} = \frac{154}{360} \times \pi \times 7 \times 2 = 18.81 \text{ ft}$$



Radio = 906 in

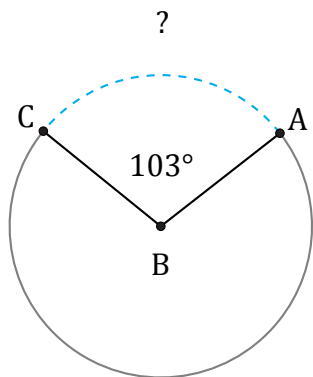
$$\widehat{RT} = \frac{42}{360} \times \pi \times 906 \times 2 = 664.13 \text{ in}$$

Longitud de Arcos (C)

Nombre: _____

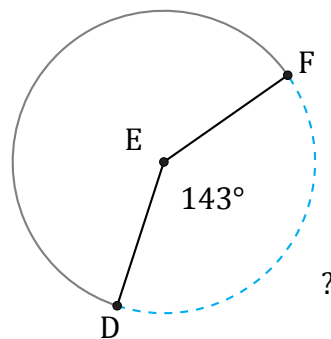
Fecha: _____

Calcule la longitud de cada arco.



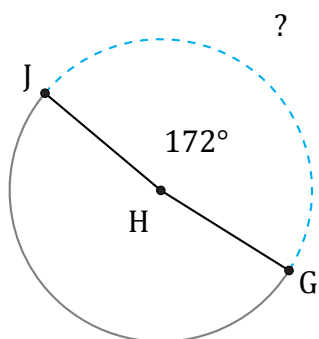
Radio = 6 in

$\widehat{AC} =$



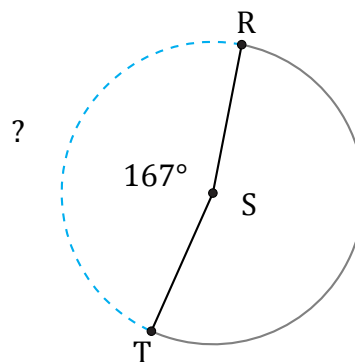
Radio = 48 AU

$\widehat{DF} =$



Radio = 728 km

$\widehat{GJ} =$



Radio = 580 km

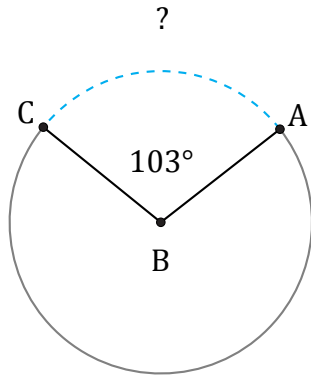
$\widehat{RT} =$

Longitud de Arcos (C) Respuestas

Nombre: _____

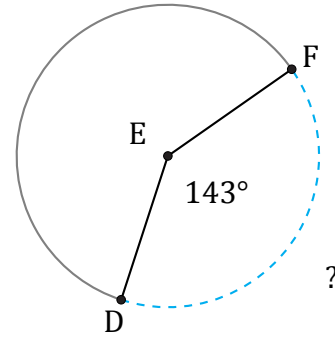
Fecha: _____

Calcule la longitud de cada arco.



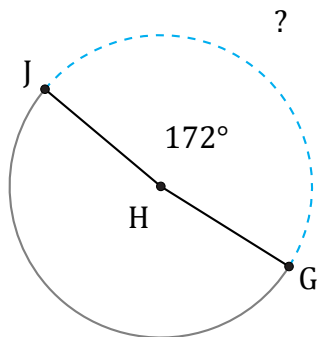
Radio = 6 in

$$\widehat{AC} = \frac{103}{360} \times \pi \times 6 \times 2 = 10.79 \text{ in}$$



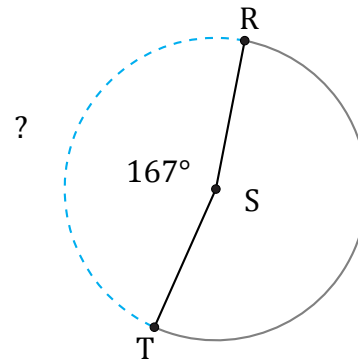
Radio = 48 AU

$$\widehat{DF} = \frac{143}{360} \times \pi \times 48 \times 2 = 119.8 \text{ AU}$$



Radio = 728 km

$$\widehat{GJ} = \frac{172}{360} \times \pi \times 728 \times 2 = 2185.43 \text{ km}$$



Radio = 580 km

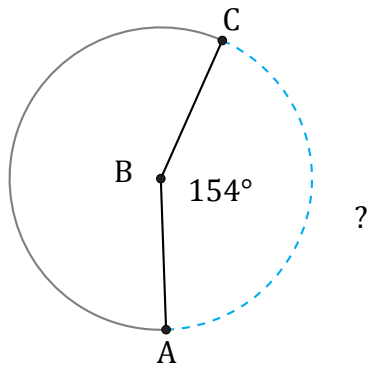
$$\widehat{RT} = \frac{167}{360} \times \pi \times 580 \times 2 = 1690.53 \text{ km}$$

Longitud de Arcos (D)

Nombre: _____

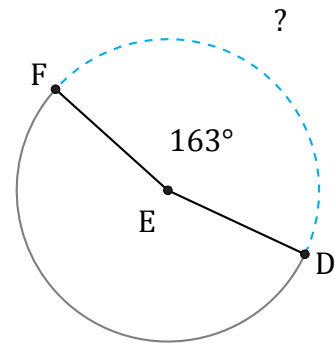
Fecha: _____

Calcule la longitud de cada arco.



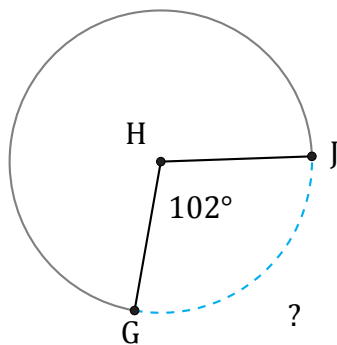
Radio = 6 ft

$\widehat{AC} =$



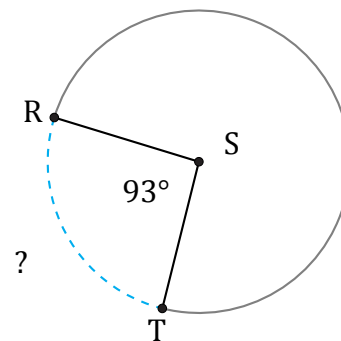
Radio = 92 mm

$\widehat{DF} =$



Radio = 601 cm

$\widehat{GJ} =$



Radio = 5 mm

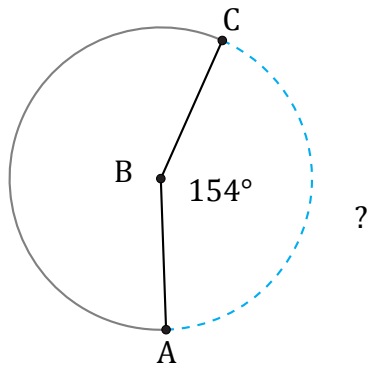
$\widehat{RT} =$

Longitud de Arcos (D) Respuestas

Nombre: _____

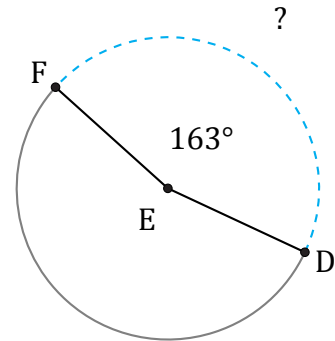
Fecha: _____

Calcule la longitud de cada arco.



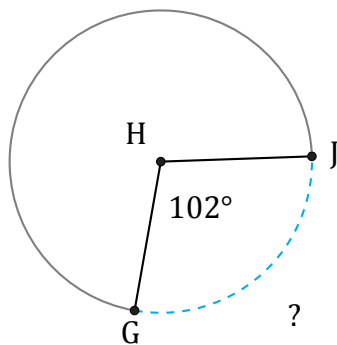
Radio = 6 ft

$$\widehat{AC} = \frac{154}{360} \times \pi \times 6 \times 2 = 16.13 \text{ ft}$$



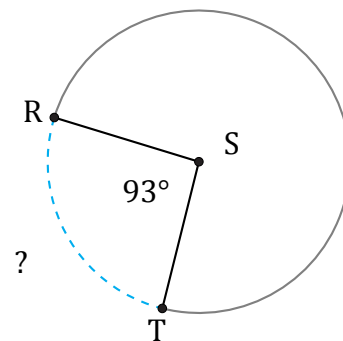
Radio = 92 mm

$$\widehat{DF} = \frac{163}{360} \times \pi \times 92 \times 2 = 261.73 \text{ mm}$$



Radio = 601 cm

$$\widehat{GJ} = \frac{102}{360} \times \pi \times 601 \times 2 = 1069.92 \text{ cm}$$



Radio = 5 mm

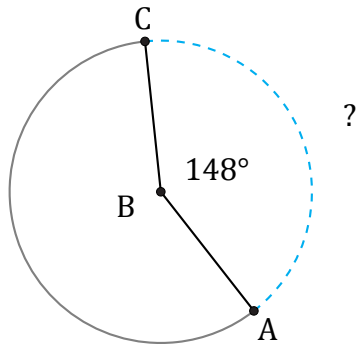
$$\widehat{RT} = \frac{93}{360} \times \pi \times 5 \times 2 = 8.12 \text{ mm}$$

Longitud de Arcos (E)

Nombre: _____

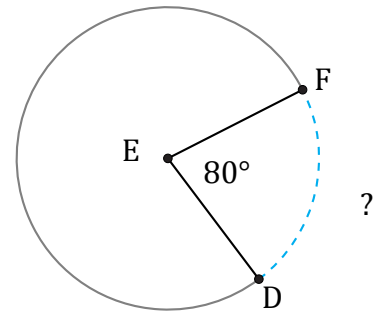
Fecha: _____

Calcule la longitud de cada arco.



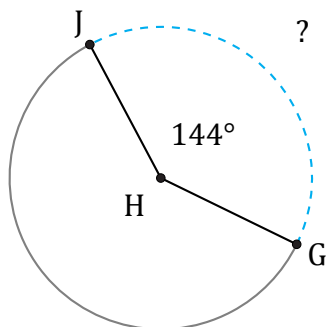
Radio = 400 AU

$\widehat{AC} =$



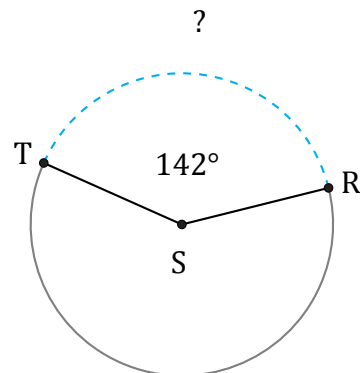
Radio = 4 mm

$\widehat{DF} =$



Radio = 13 m

$\widehat{GJ} =$



Radio = 2 ft

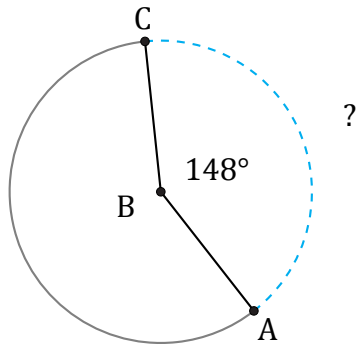
$\widehat{RT} =$

Longitud de Arcos (E) Respuestas

Nombre: _____

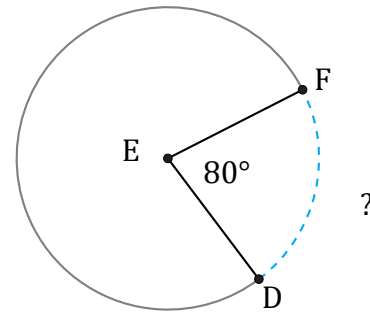
Fecha: _____

Calcule la longitud de cada arco.



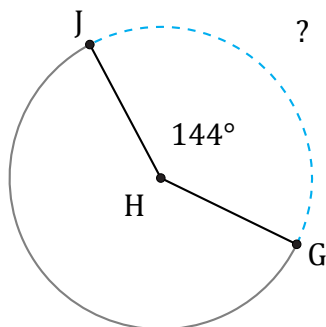
Radio = 400 AU

$$\widehat{AC} = \frac{148}{360} \times \pi \times 400 \times 2 = 1033.23 \text{ AU}$$



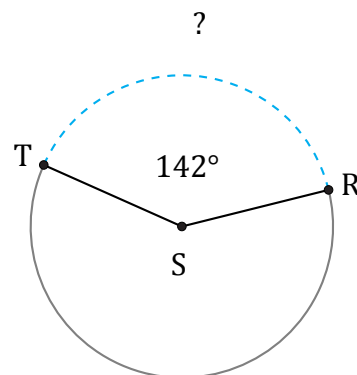
Radio = 4 mm

$$\widehat{DF} = \frac{80}{360} \times \pi \times 4 \times 2 = 5.59 \text{ mm}$$



Radio = 13 m

$$\widehat{GJ} = \frac{144}{360} \times \pi \times 13 \times 2 = 32.67 \text{ m}$$



Radio = 2 ft

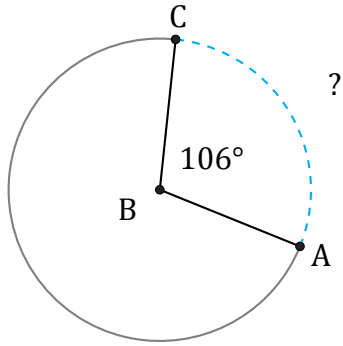
$$\widehat{RT} = \frac{142}{360} \times \pi \times 2 \times 2 = 4.96 \text{ ft}$$

Longitud de Arcos (F)

Nombre: _____

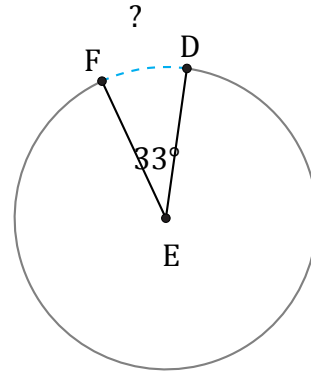
Fecha: _____

Calcule la longitud de cada arco.



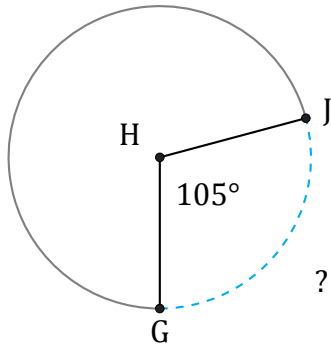
Radio = 32 ft

$\widehat{AC} =$



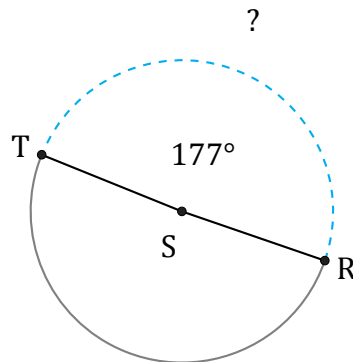
Radio = 2 cm

$\widehat{DF} =$



Radio = 178 mm

$\widehat{GJ} =$



Radio = 205 m

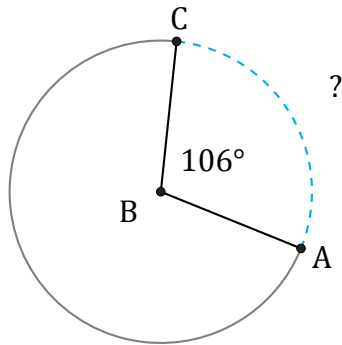
$\widehat{RT} =$

Longitud de Arcos (F) Respuestas

Nombre: _____

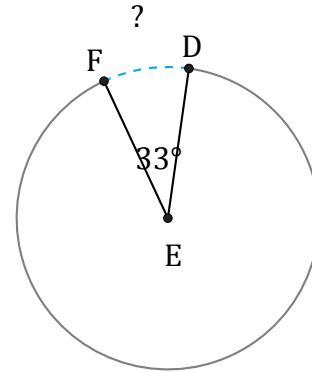
Fecha: _____

Calcule la longitud de cada arco.



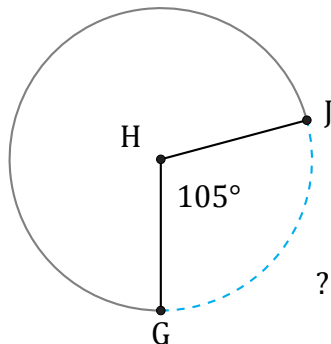
Radio = 32 ft

$$\widehat{AC} = \frac{106}{360} \times \pi \times 32 \times 2 = 59.2 \text{ ft}$$



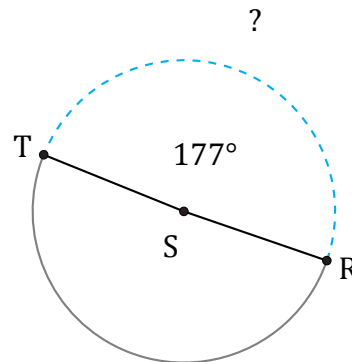
Radio = 2 cm

$$\widehat{DF} = \frac{33}{360} \times \pi \times 2 \times 2 = 1.15 \text{ cm}$$



Radio = 178 mm

$$\widehat{GJ} = \frac{105}{360} \times \pi \times 178 \times 2 = 326.2 \text{ mm}$$



Radio = 205 m

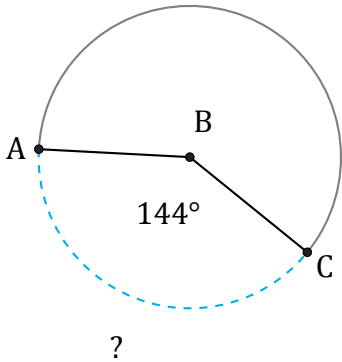
$$\widehat{RT} = \frac{177}{360} \times \pi \times 205 \times 2 = 633.29 \text{ m}$$

Longitud de Arcos (G)

Nombre: _____

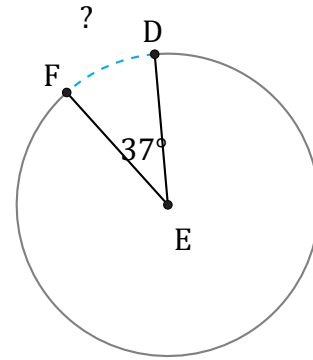
Fecha: _____

Calcule la longitud de cada arco.



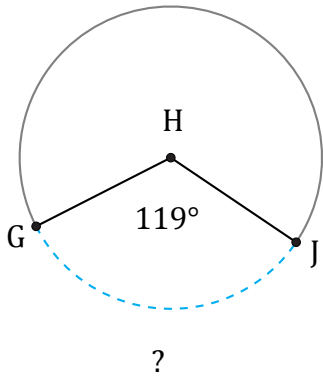
Radio = 348 in

$\widehat{AC} =$



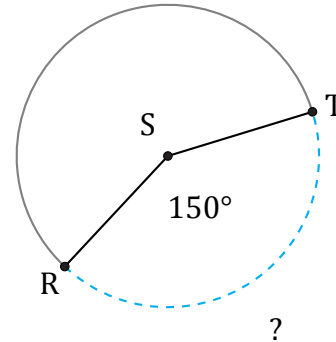
Radio = 7 mm

$\widehat{DF} =$



Radio = 4 AU

$\widehat{GJ} =$



Radio = 798 AU

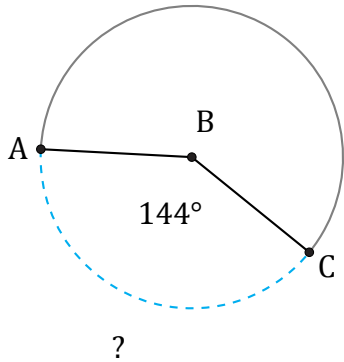
$\widehat{RT} =$

Longitud de Arcos (G) Respuestas

Nombre: _____

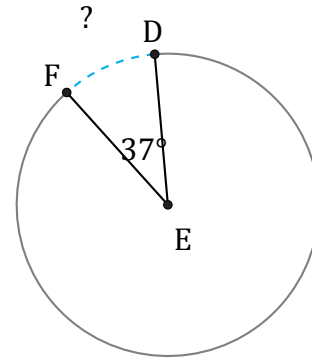
Fecha: _____

Calcule la longitud de cada arco.



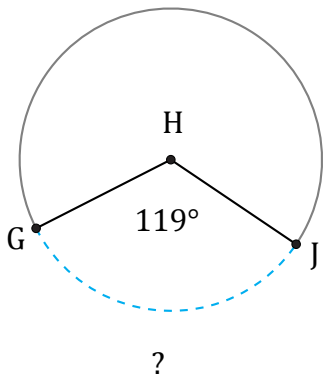
Radio = 348 in

$$\widehat{AC} = \frac{144}{360} \times \pi \times 348 \times 2 = 874.62 \text{ in}$$



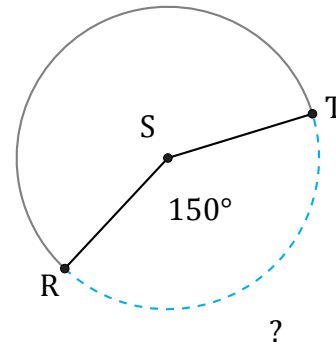
Radio = 7 mm

$$\widehat{DF} = \frac{37}{360} \times \pi \times 7 \times 2 = 4.52 \text{ mm}$$



Radio = 4 AU

$$\widehat{GJ} = \frac{119}{360} \times \pi \times 4 \times 2 = 8.31 \text{ AU}$$



Radio = 798 AU

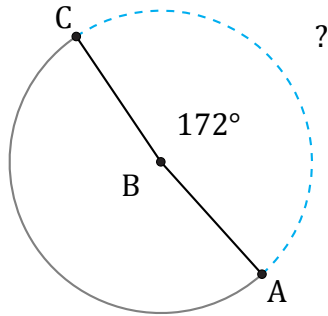
$$\widehat{RT} = \frac{150}{360} \times \pi \times 798 \times 2 = 2089.16 \text{ AU}$$

Longitud de Arcos (H)

Nombre: _____

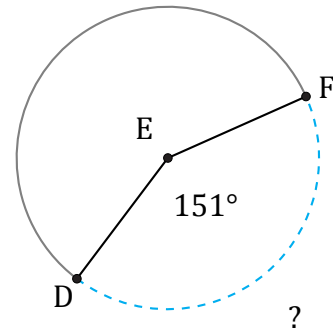
Fecha: _____

Calcule la longitud de cada arco.



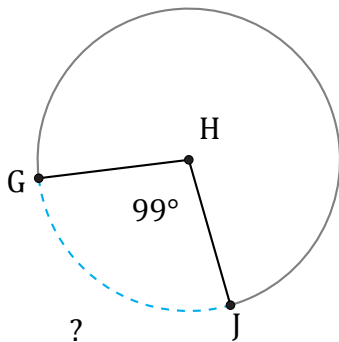
Radio = 7 in

$\widehat{AC} =$



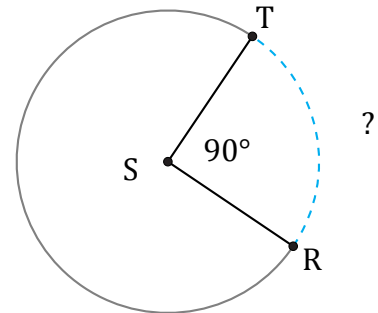
Radio = 84 mi

$\widehat{DF} =$



Radio = 140 mm

$\widehat{GJ} =$



Radio = 10 mi

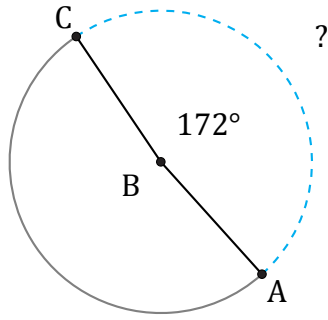
$\widehat{RT} =$

Longitud de Arcos (H) Respuestas

Nombre: _____

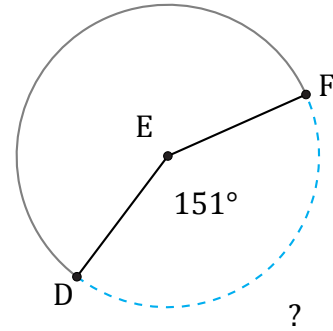
Fecha: _____

Calcule la longitud de cada arco.



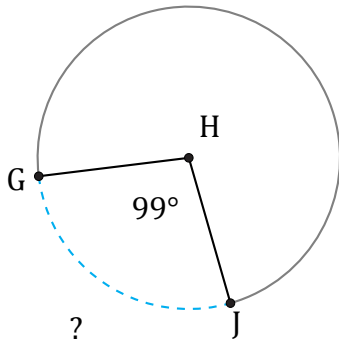
Radio = 7 in

$$\widehat{AC} = \frac{172}{360} \times \pi \times 7 \times 2 = 21.01 \text{ in}$$



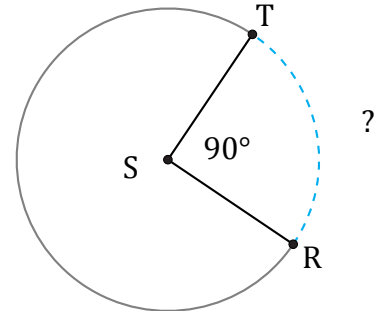
Radio = 84 mi

$$\widehat{DF} = \frac{151}{360} \times \pi \times 84 \times 2 = 221.38 \text{ mi}$$



Radio = 140 mm

$$\widehat{GJ} = \frac{99}{360} \times \pi \times 140 \times 2 = 241.9 \text{ mm}$$



Radio = 10 mi

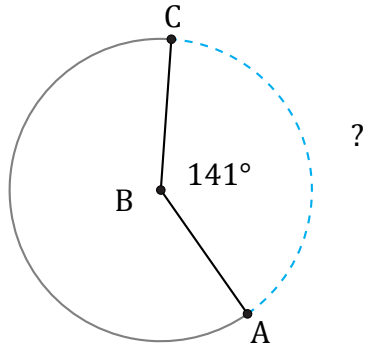
$$\widehat{RT} = \frac{90}{360} \times \pi \times 10 \times 2 = 15.71 \text{ mi}$$

Longitud de Arcos (I)

Nombre: _____

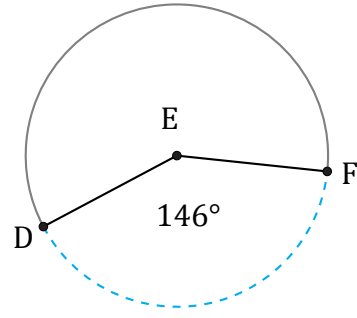
Fecha: _____

Calcule la longitud de cada arco.



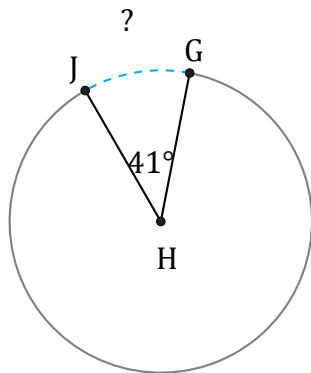
Radio = 713 mi

$\widehat{AC} =$



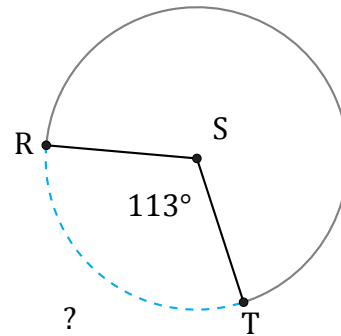
Radio = 84 AU

$\widehat{DF} =$



Radio = 6 cm

$\widehat{GJ} =$



Radio = 565 cm

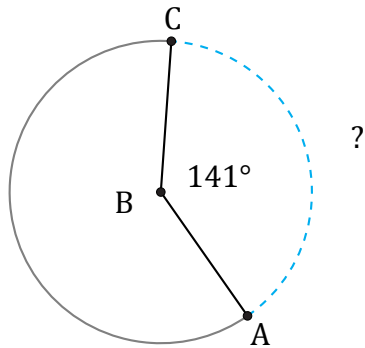
$\widehat{RT} =$

Longitud de Arcos (I) Respuestas

Nombre: _____

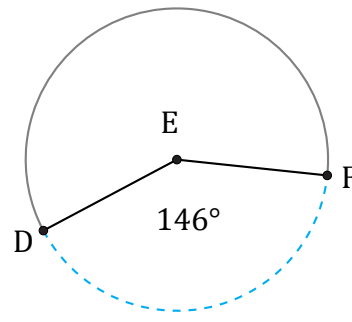
Fecha: _____

Calcule la longitud de cada arco.



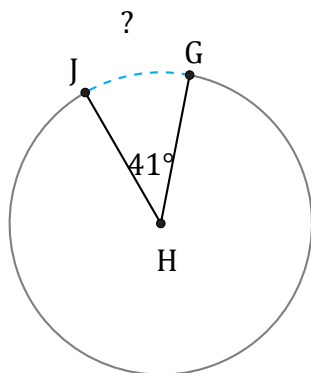
Radio = 713 mi

$$\widehat{AC} = \frac{141}{360} \times \pi \times 713 \times 2 = 1754.63 \text{ mi}$$



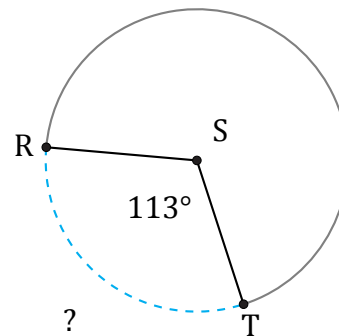
Radio = 84 AU

$$\widehat{DF} = \frac{146}{360} \times \pi \times 84 \times 2 = 214.05 \text{ AU}$$



Radio = 6 cm

$$\widehat{GJ} = \frac{41}{360} \times \pi \times 6 \times 2 = 4.29 \text{ cm}$$



Radio = 565 cm

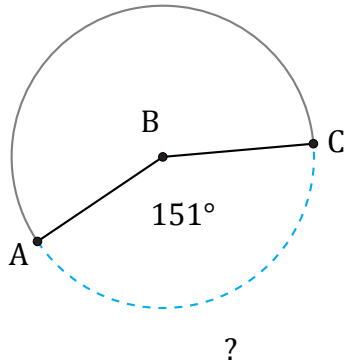
$$\widehat{RT} = \frac{113}{360} \times \pi \times 565 \times 2 = 1114.31 \text{ cm}$$

Longitud de Arcos (J)

Nombre: _____

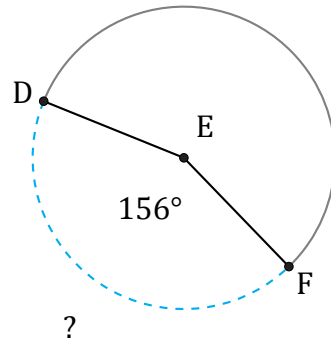
Fecha: _____

Calcule la longitud de cada arco.



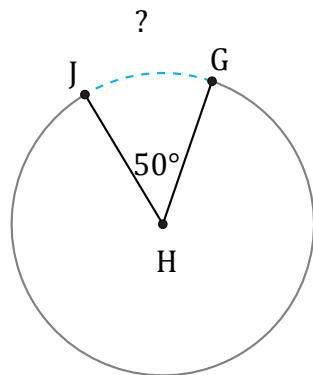
Radio = 88 km

$\widehat{AC} =$



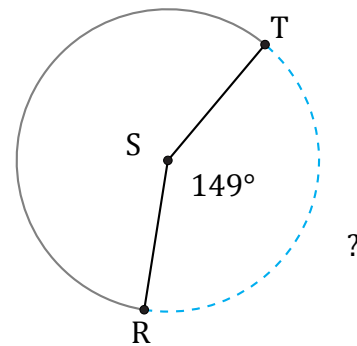
Radio = 90 mm

$\widehat{DF} =$



Radio = 2 m

$\widehat{GJ} =$



Radio = 871 mm

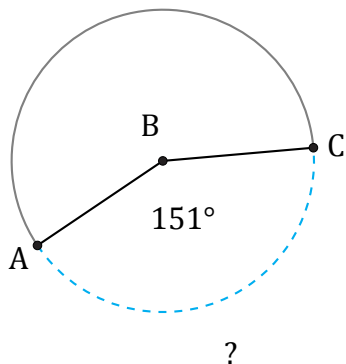
$\widehat{RT} =$

Longitud de Arcos (J) Respuestas

Nombre: _____

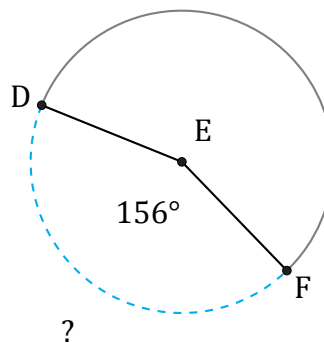
Fecha: _____

Calcule la longitud de cada arco.



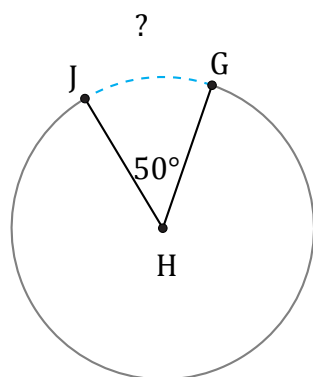
Radio = 88 km

$$\widehat{AC} = \frac{151}{360} \times \pi \times 88 \times 2 = 231.92 \text{ km}$$



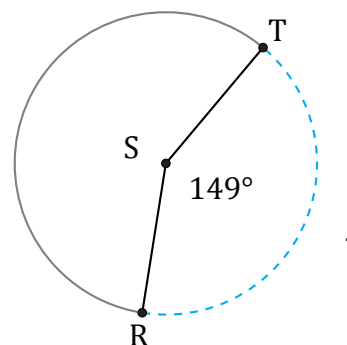
Radio = 90 mm

$$\widehat{DF} = \frac{156}{360} \times \pi \times 90 \times 2 = 245.04 \text{ mm}$$



Radio = 2 m

$$\widehat{GJ} = \frac{50}{360} \times \pi \times 2 \times 2 = 1.75 \text{ m}$$



Radio = 871 mm

$$\widehat{RT} = \frac{149}{360} \times \pi \times 871 \times 2 = 2265.07 \text{ mm}$$