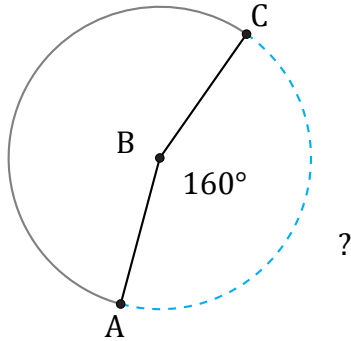


Amplitud y Longitud de Arcos (A)

Nombre: _____

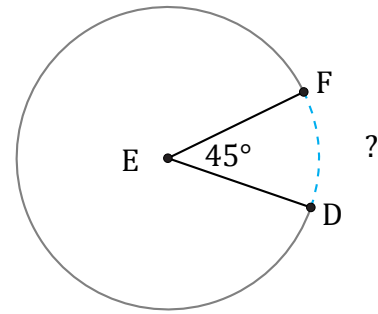
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



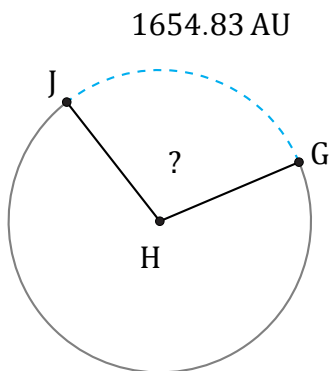
Diámetro = 1436 in

$\widehat{AC} =$



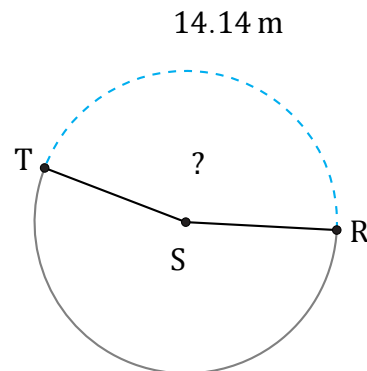
Diámetro = 166 mi

$\widehat{DF} =$



Diámetro = 1806 AU

$\angle GHJ =$



Diámetro = 10 m

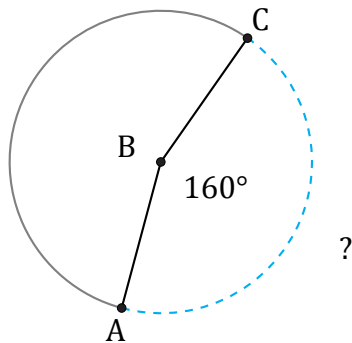
$\angle RST =$

Amplitud y Longitud de Arcos (A) Respuestas

Nombre: _____

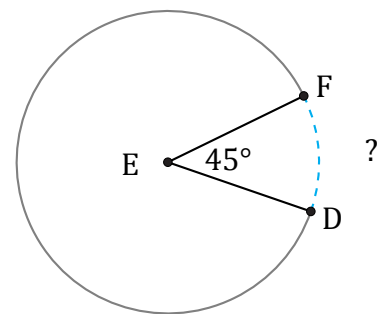
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



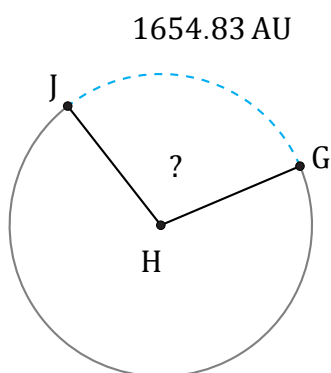
Diámetro = 1436 in

$$\widehat{AC} = \frac{160}{360} \times \pi \times 1436 = 2005.03 \text{ in}$$



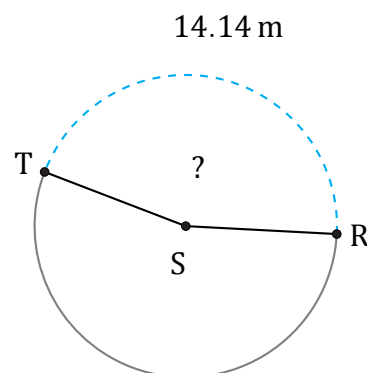
Diámetro = 166 mi

$$\widehat{DF} = \frac{45}{360} \times \pi \times 166 = 65.19 \text{ mi}$$



Diámetro = 1806 AU

$$\angle GHJ = \frac{1654.83}{1806 \times \pi} \times 360 = 105^\circ$$



Diámetro = 10 m

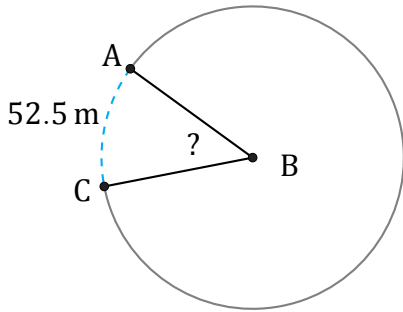
$$\angle RST = \frac{14.14}{10 \times \pi} \times 360 = 162^\circ$$

Amplitud y Longitud de Arcos (B)

Nombre: _____

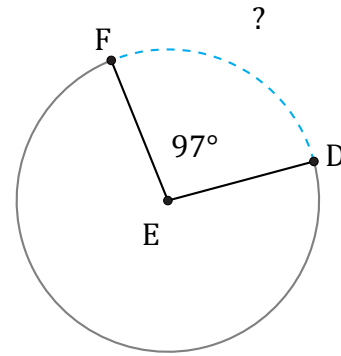
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



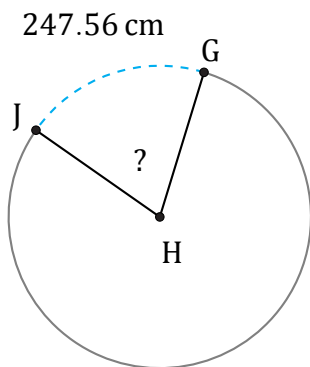
Diámetro = 128 m

$\angle ABC =$



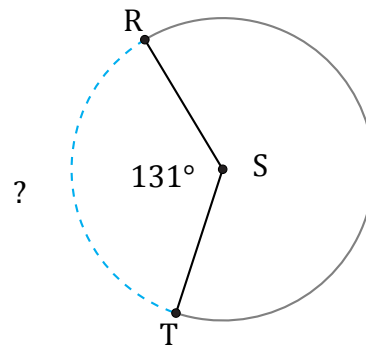
Diámetro = 860 mm

$\widehat{DF} =$



Diámetro = 394 cm

$\angle GHJ =$



Diámetro = 12 cm

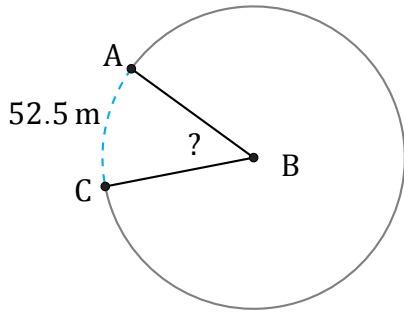
$\widehat{RT} =$

Amplitud y Longitud de Arcos (B) Respuestas

Nombre: _____

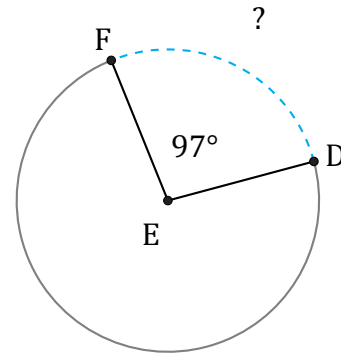
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



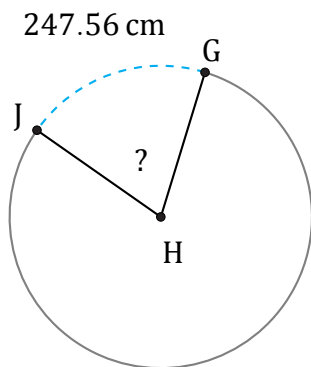
Diámetro = 128 m

$$\angle ABC = \frac{52.5}{128 \times \pi} \times 360 = 47^\circ$$



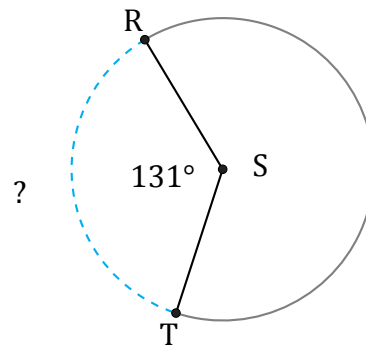
Diámetro = 860 mm

$$\widehat{DF} = \frac{97}{360} \times \pi \times 860 = 727.98 \text{ mm}$$



Diámetro = 394 cm

$$\angle GHJ = \frac{247.56}{394 \times \pi} \times 360 = 72^\circ$$



Diámetro = 12 cm

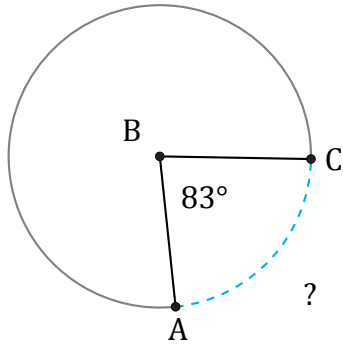
$$\widehat{RT} = \frac{131}{360} \times \pi \times 12 = 13.72 \text{ cm}$$

Amplitud y Longitud de Arcos (C)

Nombre: _____

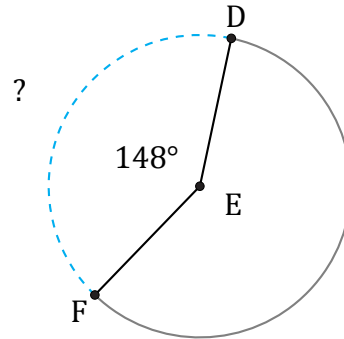
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



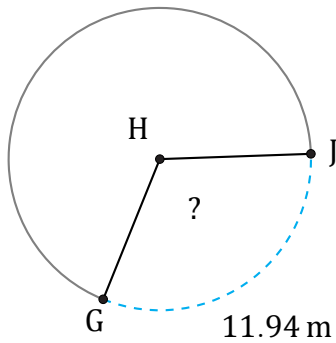
Diámetro = 8 cm

$\widehat{AC} =$



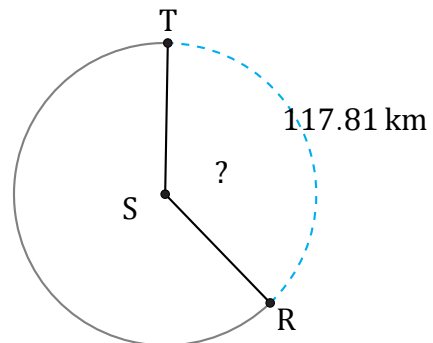
Diámetro = 16 m

$\widehat{DF} =$



Diámetro = 12 m

$\angle GHJ =$



Diámetro = 100 km

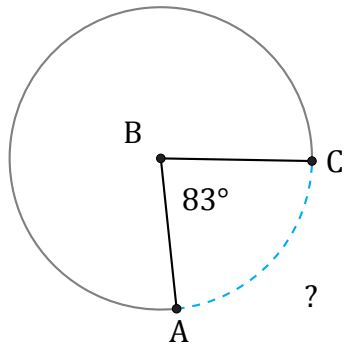
$\angle RST =$

Amplitud y Longitud de Arcos (C) Respuestas

Nombre: _____

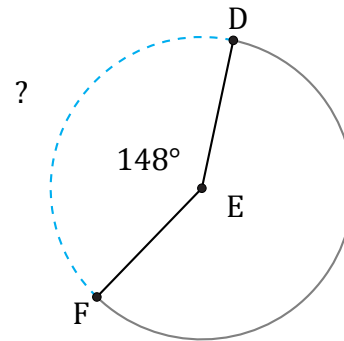
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



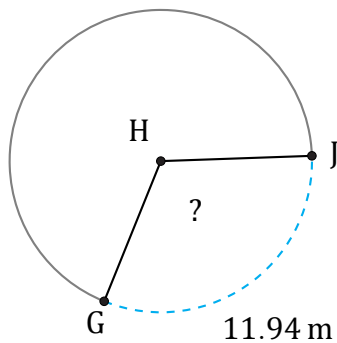
Diámetro = 8 cm

$$\widehat{AC} = \frac{83}{360} \times \pi \times 8 = 5.79 \text{ cm}$$



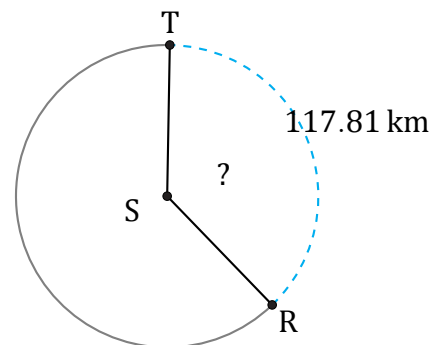
Diámetro = 16 m

$$\widehat{DF} = \frac{148}{360} \times \pi \times 16 = 20.66 \text{ m}$$



Diámetro = 12 m

$$\angle GHJ = \frac{11.94}{12 \times \pi} \times 360 = 114^\circ$$



Diámetro = 100 km

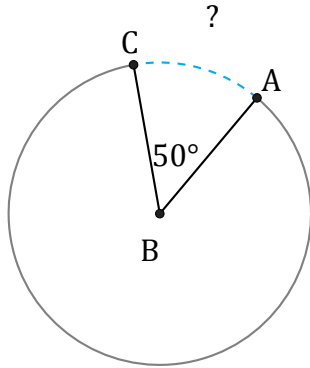
$$\angle RST = \frac{117.81}{100 \times \pi} \times 360 = 135^\circ$$

Amplitud y Longitud de Arcos (D)

Nombre: _____

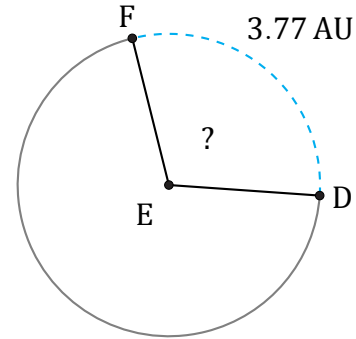
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



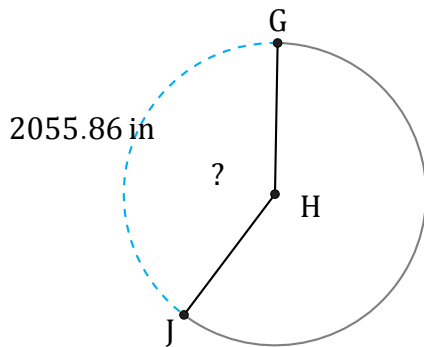
Diámetro = 10 ft

$\widehat{AC} =$



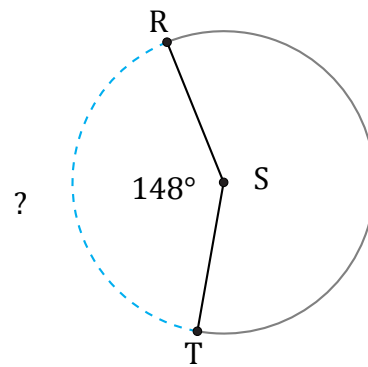
Diámetro = 4 AU

$\angle DEF =$



Diámetro = 1636 in

$\angle GHJ =$



Diámetro = 6 AU

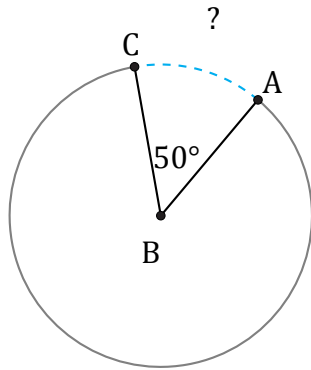
$\widehat{RT} =$

Amplitud y Longitud de Arcos (D) Respuestas

Nombre: _____

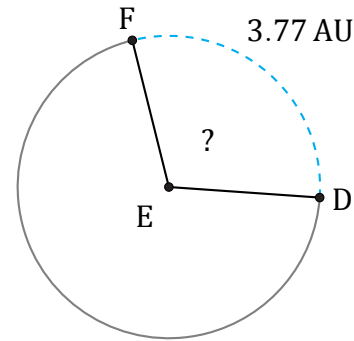
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



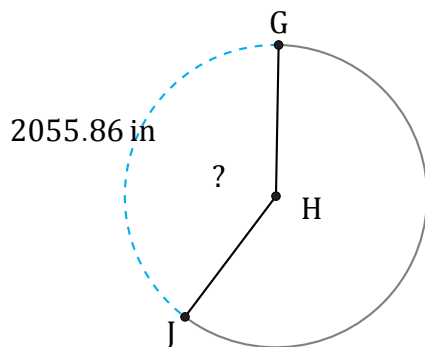
Diámetro = 10 ft

$$\widehat{AC} = \frac{50}{360} \times \pi \times 10 = 4.36 \text{ ft}$$



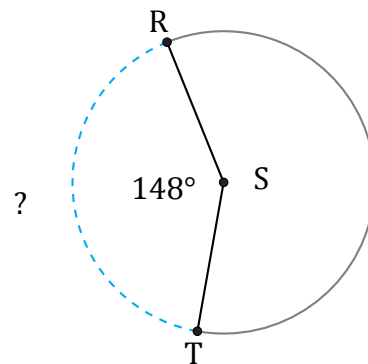
Diámetro = 4 AU

$$\angle DEF = \frac{3.77}{4 \times \pi} \times 360 = 108^\circ$$



Diámetro = 1636 in

$$\angle GHJ = \frac{2055.86}{1636 \times \pi} \times 360 = 144^\circ$$



Diámetro = 6 AU

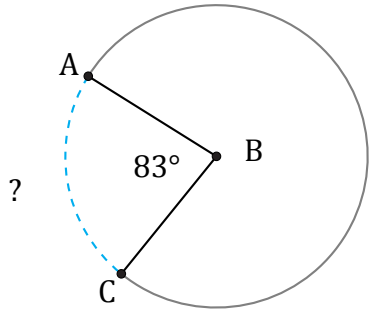
$$\widehat{RT} = \frac{148}{360} \times \pi \times 6 = 7.75 \text{ AU}$$

Amplitud y Longitud de Arcos (E)

Nombre: _____

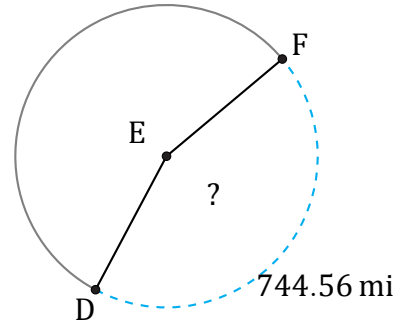
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



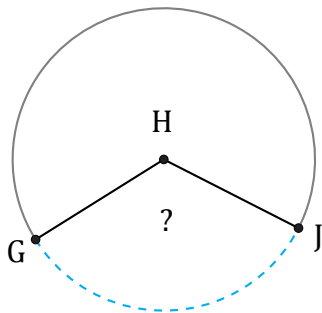
Diámetro = 14 in

$\widehat{AC} =$



Diámetro = 540 mi

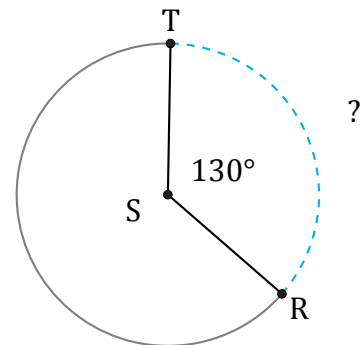
$\angle DEF =$



194.29 mi

Diámetro = 184 mi

$\angle GHJ =$



Diámetro = 10 mi

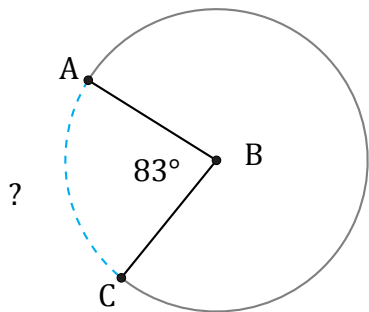
$\widehat{RT} =$

Amplitud y Longitud de Arcos (E) Respuestas

Nombre: _____

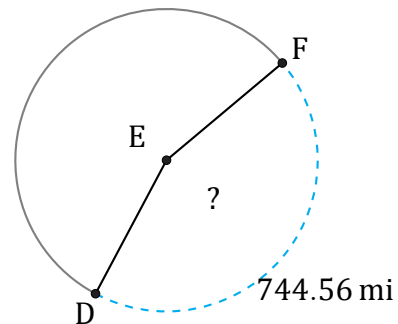
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



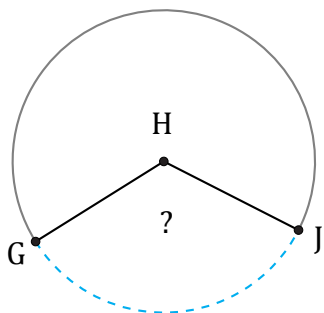
Diámetro = 14 in

$$\widehat{AC} = \frac{83}{360} \times \pi \times 14 = 10.14 \text{ in}$$



Diámetro = 540 mi

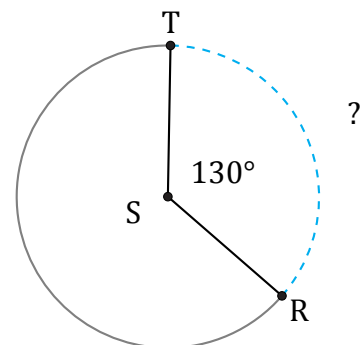
$$\angle DEF = \frac{744.56}{540 \times \pi} \times 360 = 158^\circ$$



194.29 mi

Diámetro = 184 mi

$$\angle GHJ = \frac{194.29}{184 \times \pi} \times 360 = 121^\circ$$



Diámetro = 10 mi

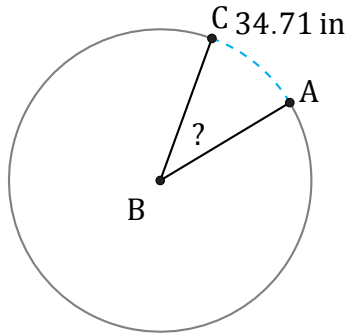
$$\widehat{RT} = \frac{130}{360} \times \pi \times 10 = 11.34 \text{ mi}$$

Amplitud y Longitud de Arcos (F)

Nombre: _____

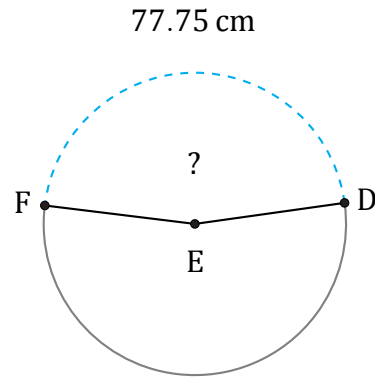
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



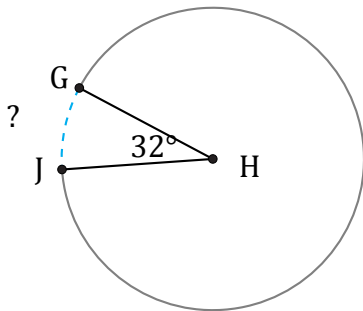
Diámetro = 102 in

$\angle ABC =$



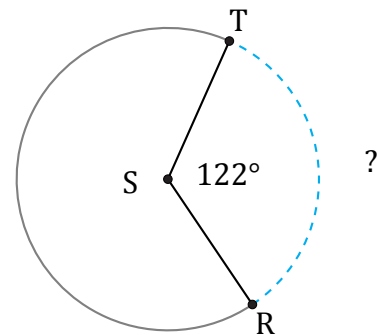
Diámetro = 54 cm

$\angle DEF =$



Diámetro = 1804 mi

$\widehat{GJ} =$



Diámetro = 724 mm

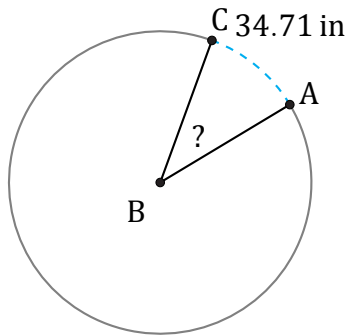
$\widehat{RT} =$

Amplitud y Longitud de Arcos (F) Respuestas

Nombre: _____

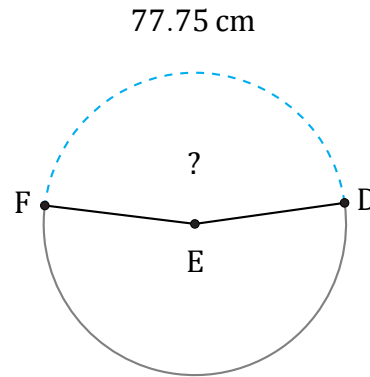
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



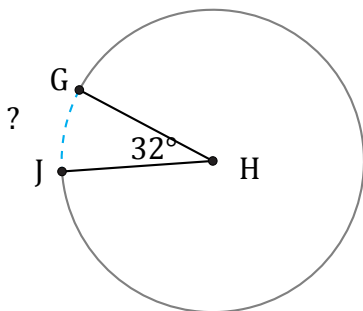
Diámetro = 102 in

$$\angle ABC = \frac{34.71}{102 \times \pi} \times 360 = 39^\circ$$



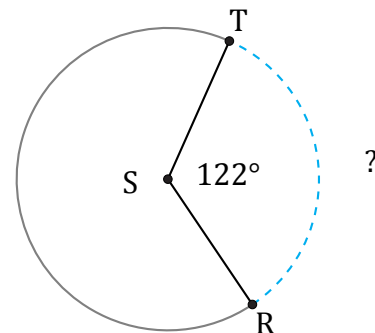
Diámetro = 54 cm

$$\angle DEF = \frac{77.75}{54 \times \pi} \times 360 = 165^\circ$$



Diámetro = 1804 mi

$$\widehat{GJ} = \frac{32}{360} \times \pi \times 1804 = 503.77 \text{ mi}$$



Diámetro = 724 mm

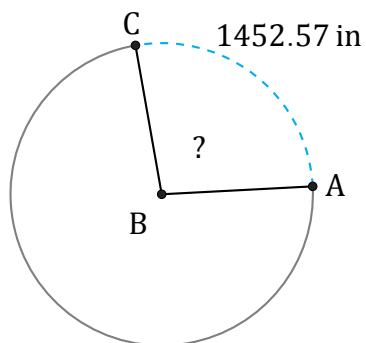
$$\widehat{RT} = \frac{122}{360} \times \pi \times 724 = 770.81 \text{ mm}$$

Amplitud y Longitud de Arcos (G)

Nombre: _____

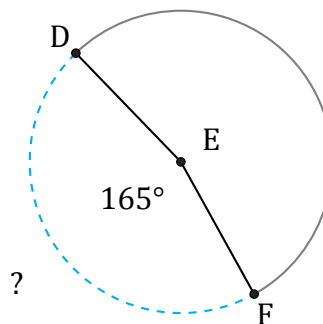
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



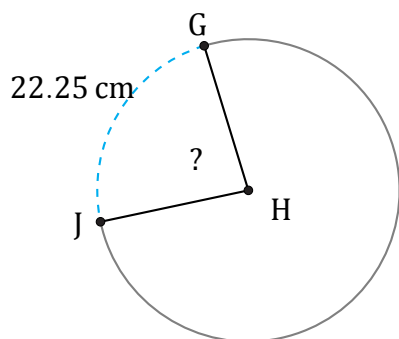
Diámetro = 1716 in

$\angle ABC =$



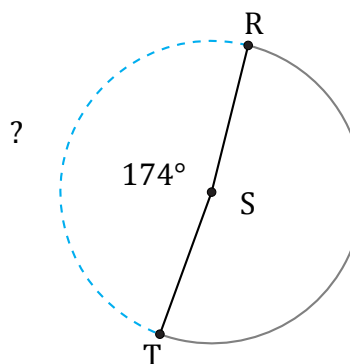
Diámetro = 44 ft

$\widehat{DF} =$



Diámetro = 30 cm

$\angle GHJ =$



Diámetro = 4 mm

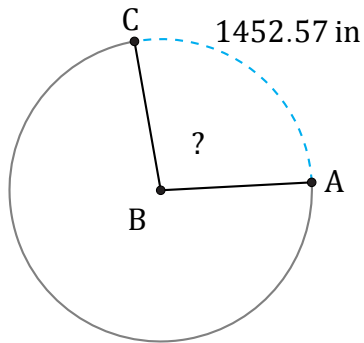
$\widehat{RT} =$

Amplitud y Longitud de Arcos (G) Respuestas

Nombre: _____

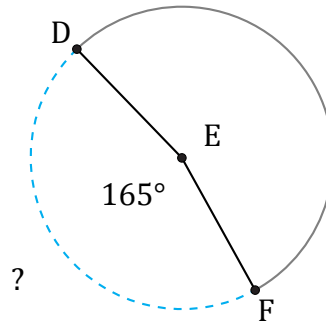
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



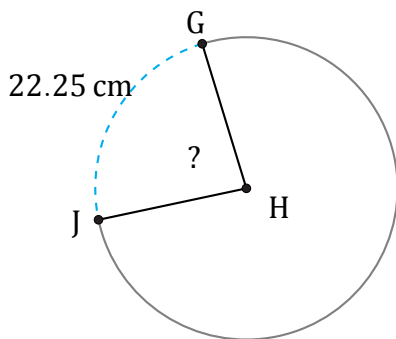
Diámetro = 1716 in

$$\angle ABC = \frac{1452.57}{1716 \times \pi} \times 360 = 97^\circ$$



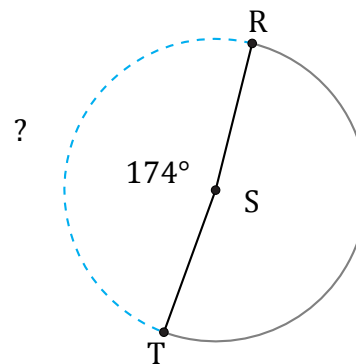
Diámetro = 44 ft

$$\widehat{DF} = \frac{165}{360} \times \pi \times 44 = 63.36 \text{ ft}$$



Diámetro = 30 cm

$$\angle GHJ = \frac{22.25}{30 \times \pi} \times 360 = 85^\circ$$



Diámetro = 4 mm

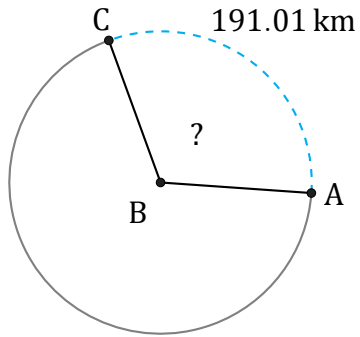
$$\widehat{RT} = \frac{174}{360} \times \pi \times 4 = 6.07 \text{ mm}$$

Amplitud y Longitud de Arcos (H)

Nombre: _____

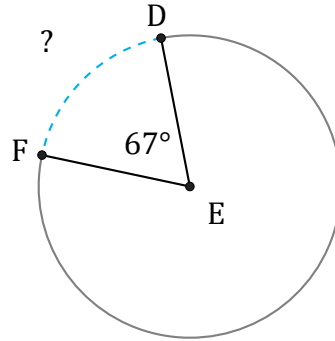
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



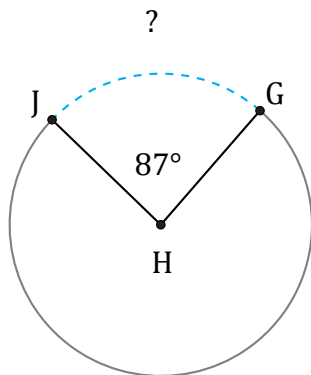
Diámetro = 192 km

$\angle ABC =$



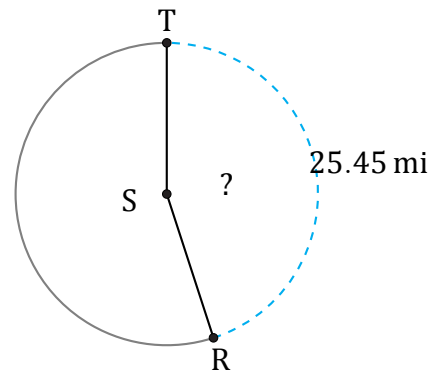
Diámetro = 84 m

$\widehat{DF} =$



Diámetro = 8 m

$\widehat{GJ} =$



Diámetro = 18 mi

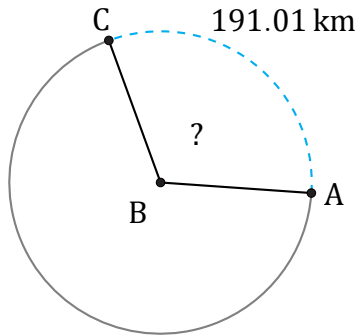
$\angle RST =$

Amplitud y Longitud de Arcos (H) Respuestas

Nombre: _____

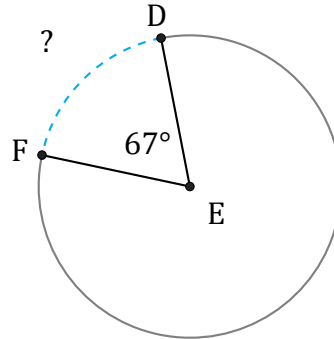
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



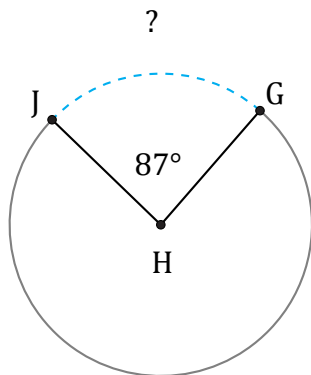
Diámetro = 192 km

$$\angle ABC = \frac{191.01}{192 \times \pi} \times 360 = 114^\circ$$



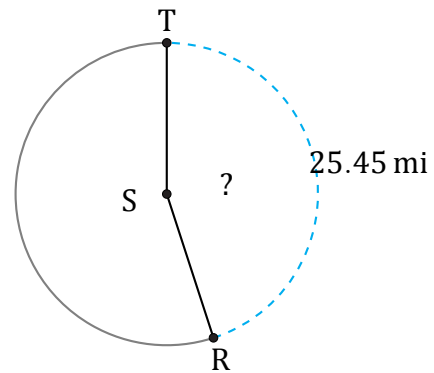
Diámetro = 84 m

$$\widehat{DF} = \frac{67}{360} \times \pi \times 84 = 49.11 \text{ m}$$



Diámetro = 8 m

$$\widehat{GJ} = \frac{87}{360} \times \pi \times 8 = 6.07 \text{ m}$$



Diámetro = 18 mi

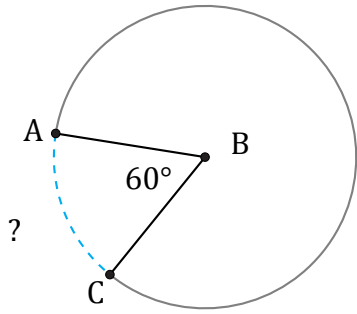
$$\angle RST = \frac{25.45}{18 \times \pi} \times 360 = 162^\circ$$

Amplitud y Longitud de Arcos (I)

Nombre: _____

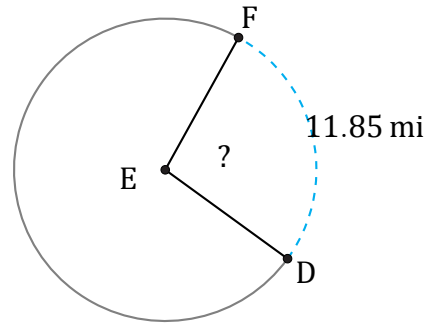
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



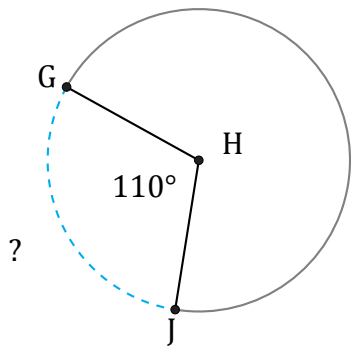
Diámetro = 10 cm

$\widehat{AC} =$



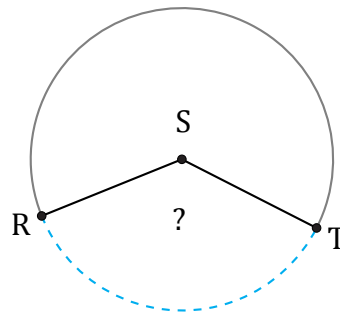
Diámetro = 14 mi

$\angle DEF =$



Diámetro = 1782 cm

$\widehat{GJ} =$



9.15 ft

Diámetro = 8 ft

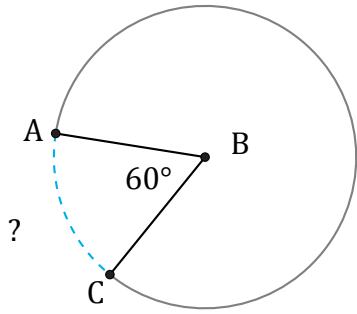
$\angle RST =$

Amplitud y Longitud de Arcos (I) Respuestas

Nombre: _____

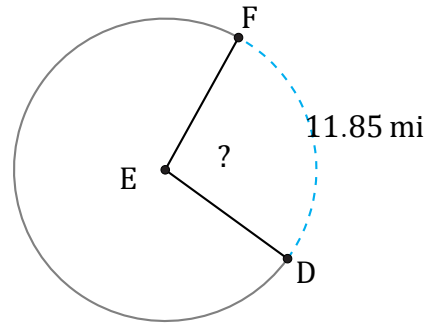
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



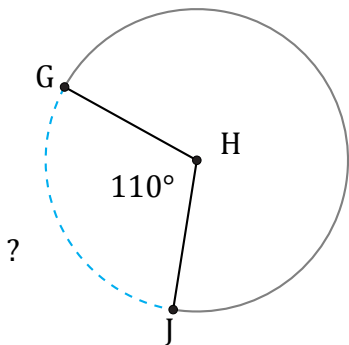
Diámetro = 10 cm

$$\widehat{AC} = \frac{60}{360} \times \pi \times 10 = 5.24 \text{ cm}$$



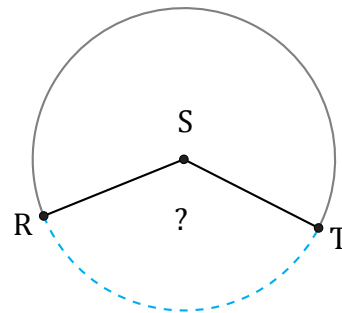
Diámetro = 14 mi

$$\angle DEF = \frac{11.85}{14 \times \pi} \times 360 = 97^\circ$$



Diámetro = 1782 cm

$$\widehat{GJ} = \frac{110}{360} \times \pi \times 1782 = 1710.6 \text{ cm}$$



9.15 ft

Diámetro = 8 ft

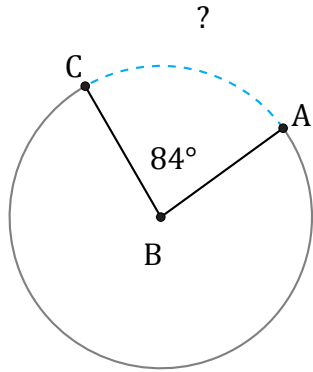
$$\angle RST = \frac{9.15}{8 \times \pi} \times 360 = 131.1^\circ$$

Amplitud y Longitud de Arcos (J)

Nombre: _____

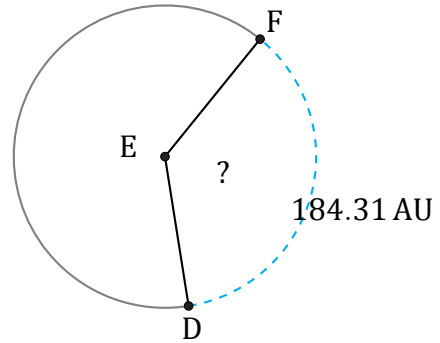
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



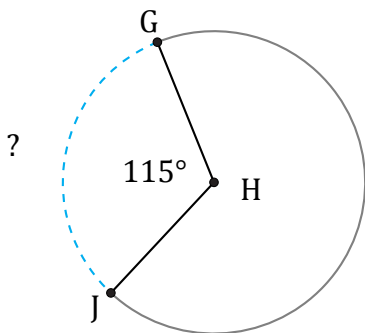
Diámetro = 58 ft

$\widehat{AC} =$



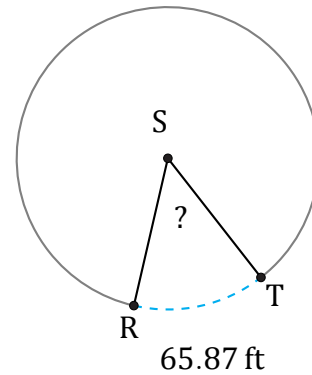
Diámetro = 160 AU

$\angle DEF =$



Diámetro = 20 mi

$\widehat{GJ} =$



Diámetro = 148 ft

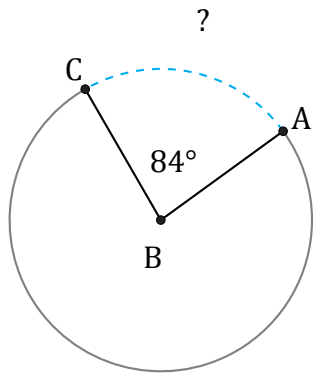
$\angle RST =$

Amplitud y Longitud de Arcos (J) Respuestas

Nombre: _____

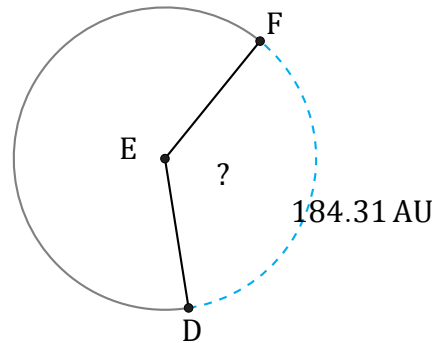
Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



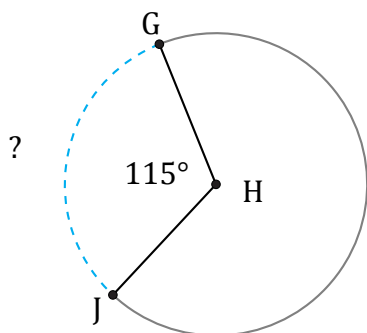
Diámetro = 58 ft

$$\widehat{AC} = \frac{84}{360} \times \pi \times 58 = 42.52 \text{ ft}$$



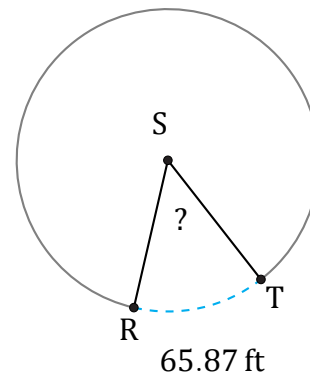
Diámetro = 160 AU

$$\angle DEF = \frac{184.31}{160 \times \pi} \times 360 = 132^\circ$$



Diámetro = 20 mi

$$\widehat{GJ} = \frac{115}{360} \times \pi \times 20 = 20.07 \text{ mi}$$



Diámetro = 148 ft

$$\angle RST = \frac{65.87}{148 \times \pi} \times 360 = 51^\circ$$