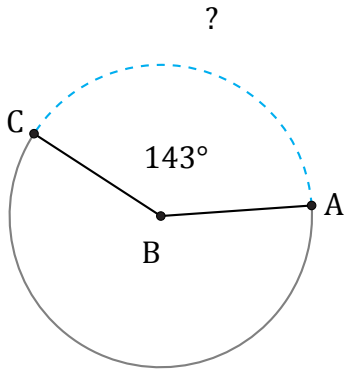
Amplitud y Longitud de Arcos (A)

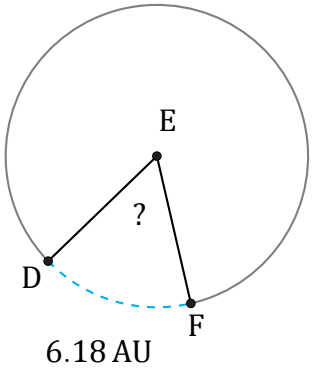
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



Circunferencia = 62.83 m

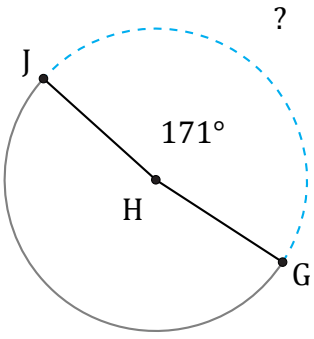
$\overset{\frown}{AC}$ =



6.18 AU

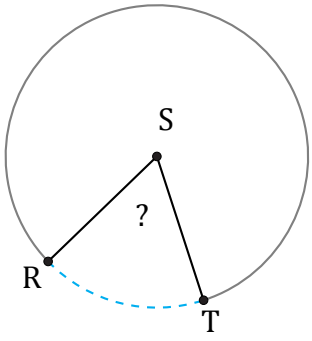
Circunferencia = 37.7 AU

∠DEF =



Circunferencia = 245.04 m

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



111.7 in

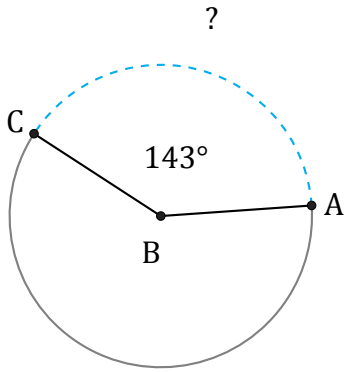
Circunferencia = 628.32 in

∠RST =

Amplitud y Longitud de Arcos (A) Respuestas

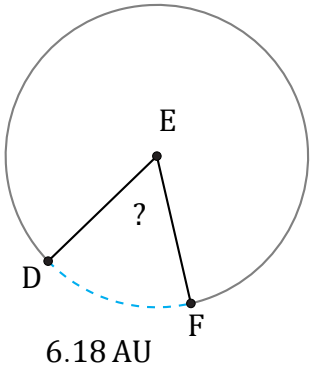
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



Circunferencia = 62.83 m

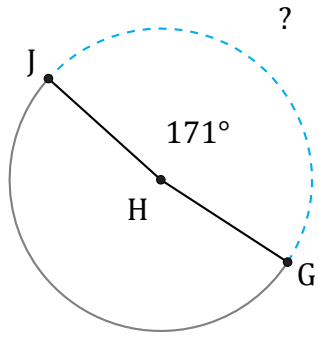
$\overset{\frown}{AC} = \frac{143}{360} \times 62.83 = 24.96\,\text{m}$



6.18 AU

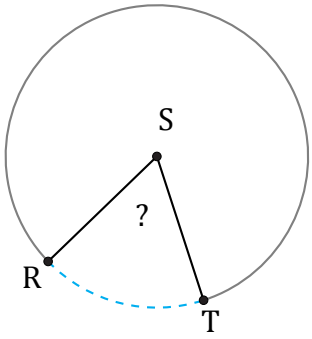
Circunferencia = 37.7 AU

$\angle DEF = \frac{6.18}{37.7} \times 360 = 59°$



Circunferencia = 245.04 m

$\overset{\frown}{GJ} = \frac{171}{360} \times 245.04 = 116.39\,\text{m}$



111.7 in

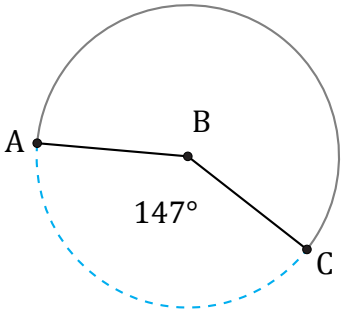
Circunferencia = 628.32 in

$\angle RST = \frac{111.7}{628.32} \times 360 = 64°$

Amplitud y Longitud de Arcos (B)

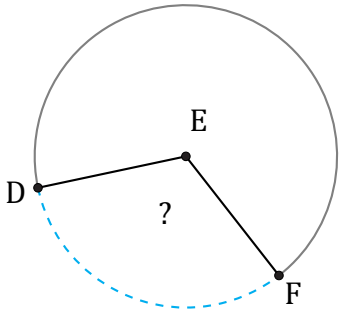
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



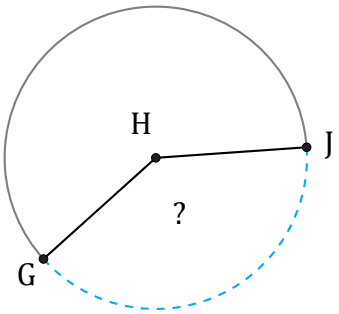
Circunferencia = 433.54 km

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



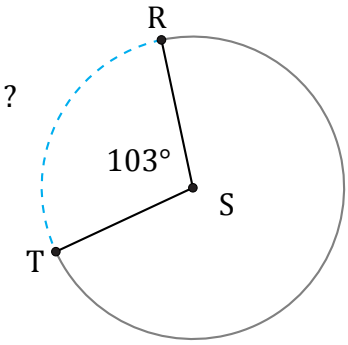
Circunferencia = 2073.45 mi

∠DEF =



Circunferencia = 43.98 km

∠GHJ =



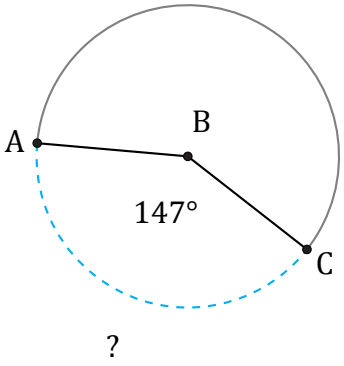
Circunferencia = 578.05 ft

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

Amplitud y Longitud de Arcos (B) Respuestas

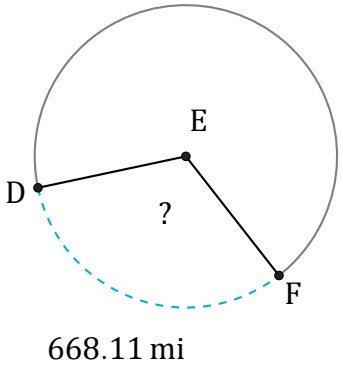
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



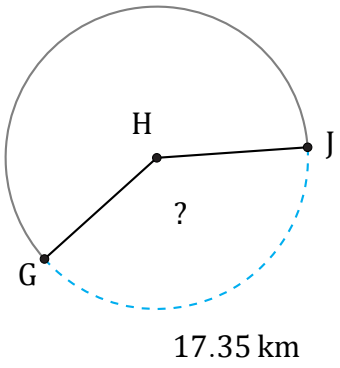
Circunferencia = 433.54 km

$\overset{\frown}{AC} = \frac{147}{360} \times 433.54 = 177.03$ km



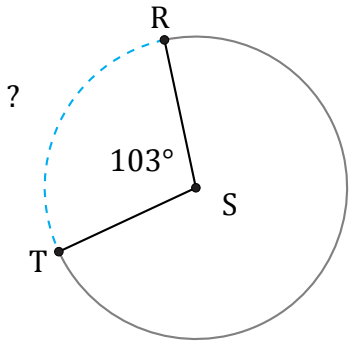
Circunferencia = 2073.45 mi

$\angle DEF = \frac{668.11}{2073.45} \times 360 = 116°$



Circunferencia = 43.98 km

$\angle GHJ = \frac{17.35}{43.98} \times 360 = 142°$



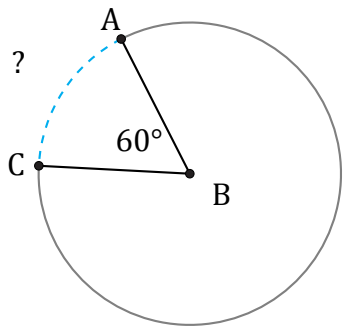
Circunferencia = 578.05 ft

$\overset{\frown}{RT} = \frac{103}{360} \times 578.05 = 165.39$ ft

Amplitud y Longitud de Arcos (C)

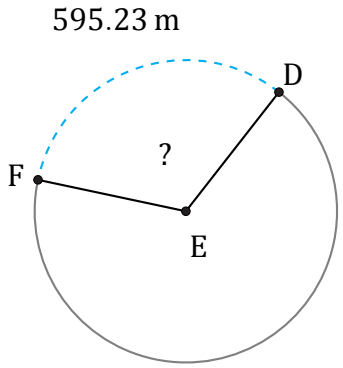
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



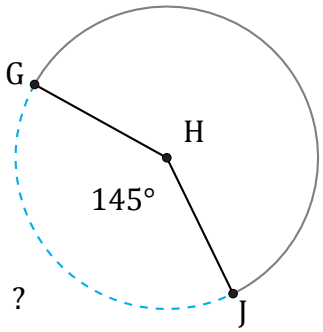
Circunferencia = 540.35 km

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



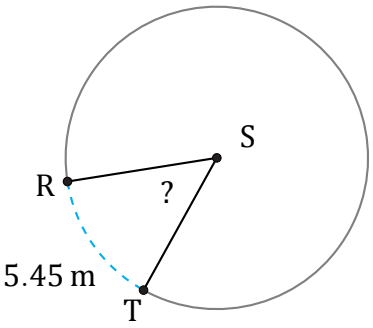
Circunferencia = 1847.26 m

∠DEF =



Circunferencia = 270.18 cm

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



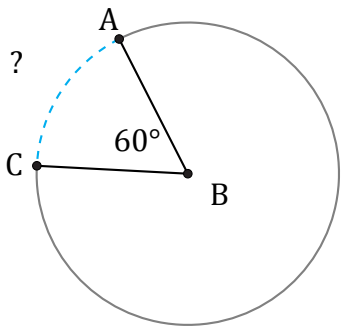
Circunferencia = 37.7 m

∠RST =

Amplitud y Longitud de Arcos (C) Respuestas

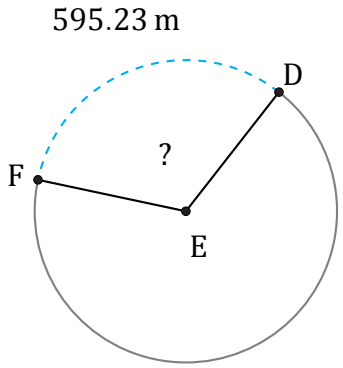
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



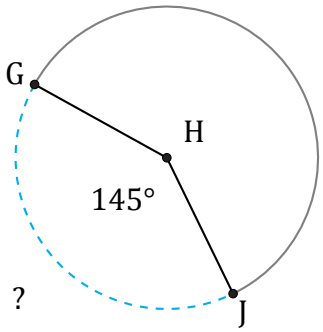
Circunferencia = 540.35 km

$\overset{\frown}{AC} = \frac{60}{360} \times 540.35 = 90.06$ km



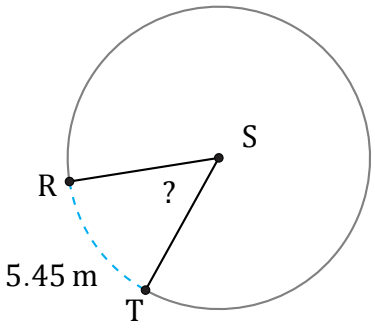
Circunferencia = 1847.26 m

$\angle DEF = \frac{595.23}{1847.26} \times 360 = 116°$



Circunferencia = 270.18 cm

$\overset{\frown}{GJ} = \frac{145}{360} \times 270.18 = 108.82$ cm



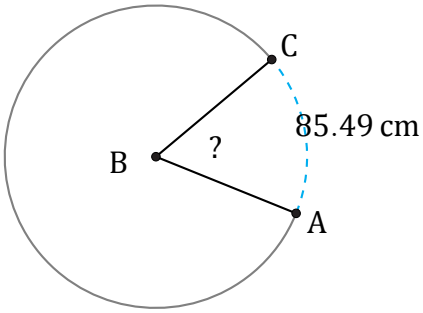
Circunferencia = 37.7 m

$\angle RST = \frac{5.45}{37.7} \times 360 = 52°$

Amplitud y Longitud de Arcos (D)

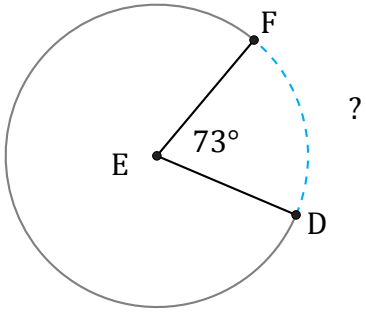
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



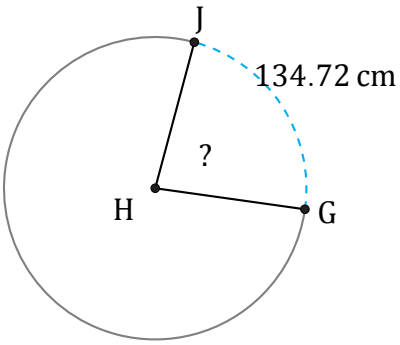
Circunferencia = 496.37 cm

∠ABC =



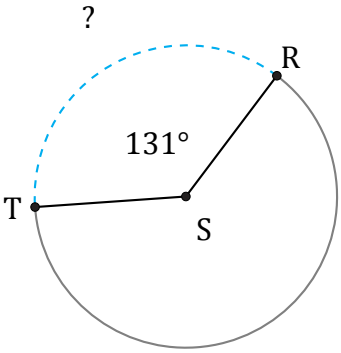
Circunferencia = 5403.54 ft

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



Circunferencia = 584.34 cm

∠GHJ =



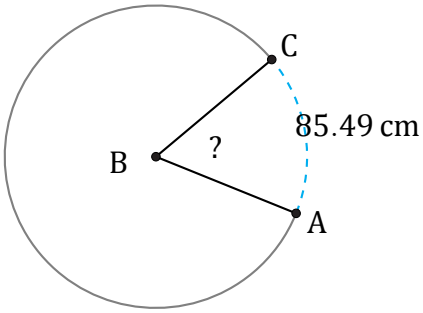
Circunferencia = 6144.96 cm

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

Amplitud y Longitud de Arcos (D) Respuestas

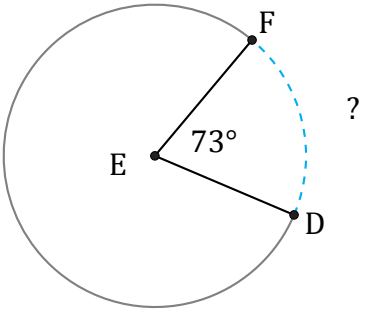
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



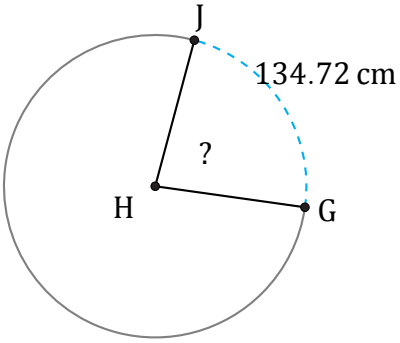
Circunferencia = 496.37 cm

$\angle ABC = \frac{85.49}{496.37} \times 360 = 62°$



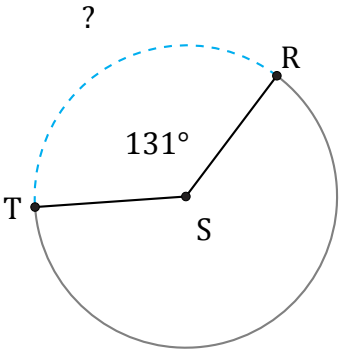
Circunferencia = 5403.54 ft

$\overset{\frown}{DF} = \frac{73}{360} \times 5403.54 = 1095.72 \text{ ft}$



Circunferencia = 584.34 cm

$\angle GHJ = \frac{134.72}{584.34} \times 360 = 83°$



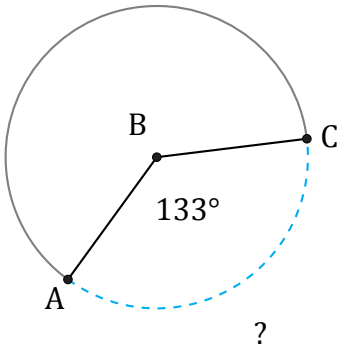
Circunferencia = 6144.96 cm

$\overset{\frown}{RT} = \frac{131}{360} \times 6144.96 = 2236.08 \text{ cm}$

Amplitud y Longitud de Arcos (E)

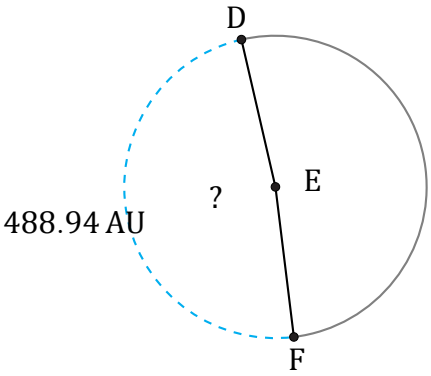
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



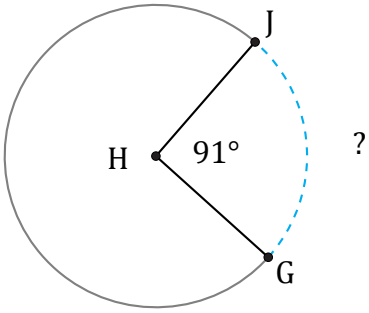
Circunferencia = 490.09 cm

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



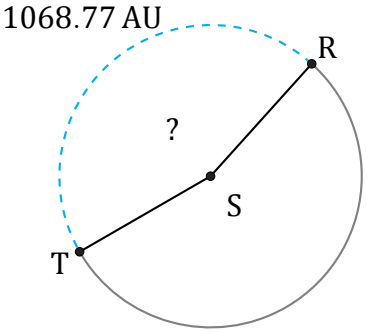
Circunferencia = 1011.59 AU

∠DEF =



Circunferencia = 2318.5 m

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



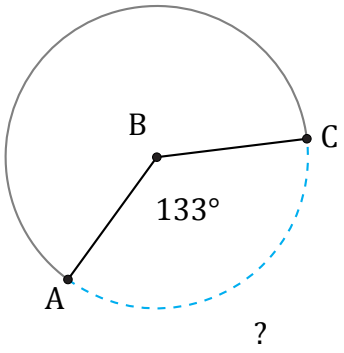
Circunferencia = 2375.04 AU

∠RST =

Amplitud y Longitud de Arcos (E) Respuestas

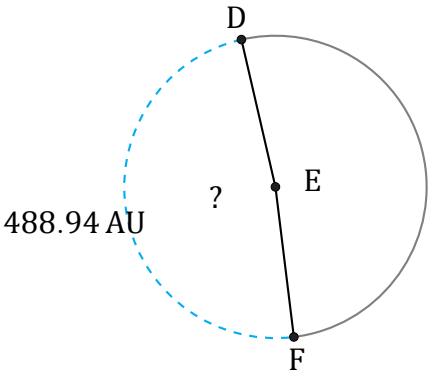
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



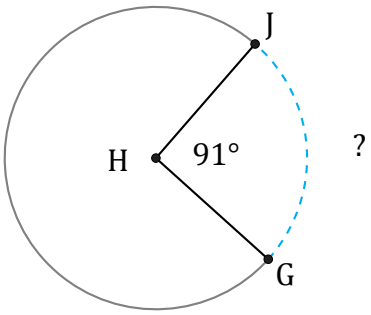
Circunferencia = 490.09 cm

$\overset{\frown}{AC} = \frac{133}{360} \times 490.09 = 181.06$ cm



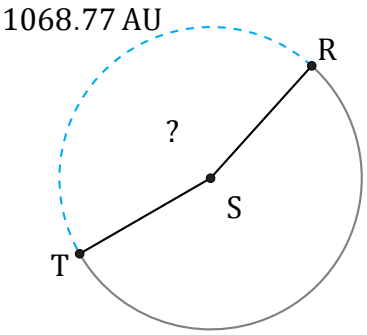
Circunferencia = 1011.59 AU

$\angle DEF = \frac{488.94}{1011.59} \times 360 = 174°$



Circunferencia = 2318.5 m

$\overset{\frown}{GJ} = \frac{91}{360} \times 2318.5 = 586.07$ m



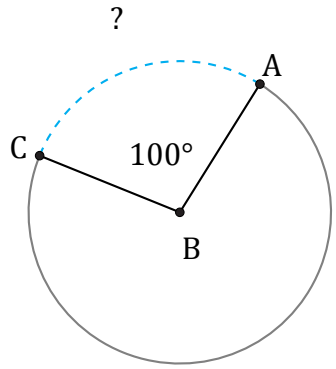
Circunferencia = 2375.04 AU

$\angle RST = \frac{1068.77}{2375.04} \times 360 = 162°$

Amplitud y Longitud de Arcos (F)

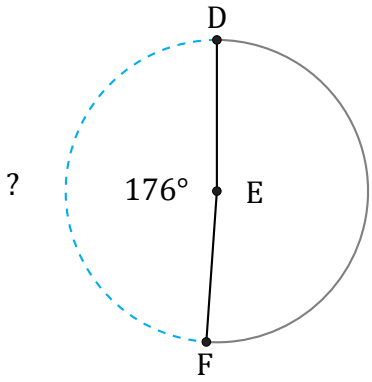
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



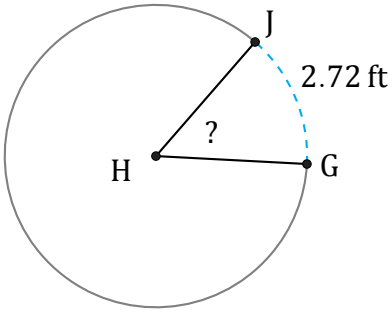
Circunferencia = 182.21 cm

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



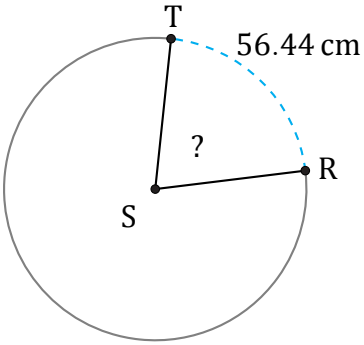
Circunferencia = 4699.82 in

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



Circunferencia = 18.85 ft

∠GHJ =



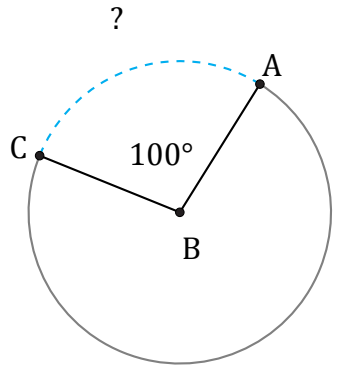
Circunferencia = 263.89 cm

∠RST =

Amplitud y Longitud de Arcos (F) Respuestas

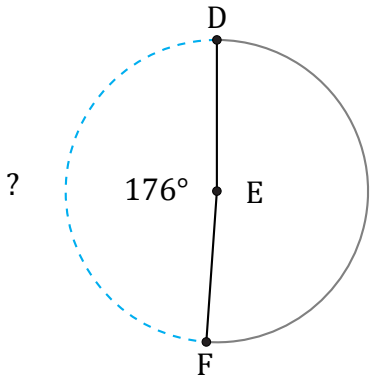
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



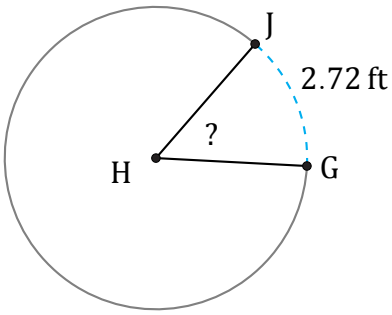
Circunferencia = 182.21 cm

$\overset{\frown}{AC} = \frac{100}{360} \times 182.21 = 50.61$ cm



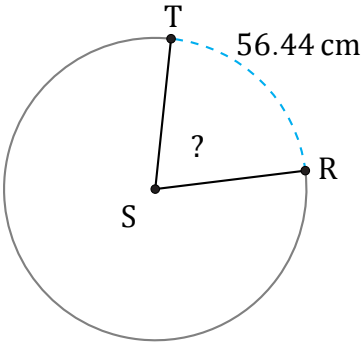
Circunferencia = 4699.82 in

$\overset{\frown}{DF} = \frac{176}{360} \times 4699.82 = 2297.69$ in



Circunferencia = 18.85 ft

$\angle GHJ = \frac{2.72}{18.85} \times 360 = 51.9°$



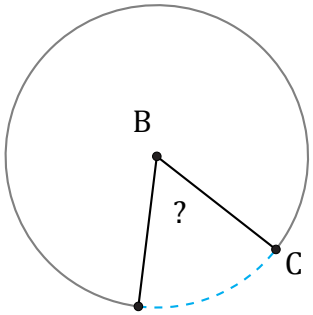
Circunferencia = 263.89 cm

$\angle RST = \frac{56.44}{263.89} \times 360 = 77°$

Amplitud y Longitud de Arcos (G)

Nombre: _____ Fecha: _____

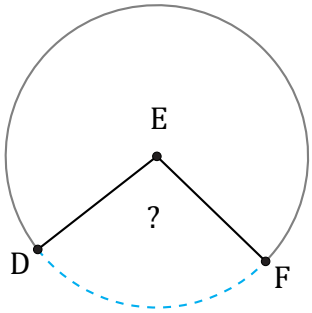
Calcule la amplitud angular o la longitud de cada arco.



3.09 AU

Circunferencia = 18.85 AU

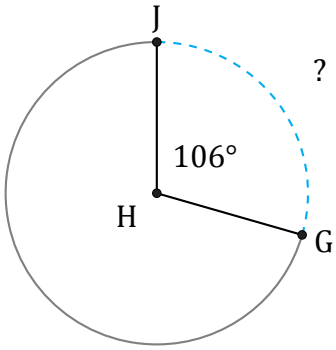
∠ABC =



153.94 cm

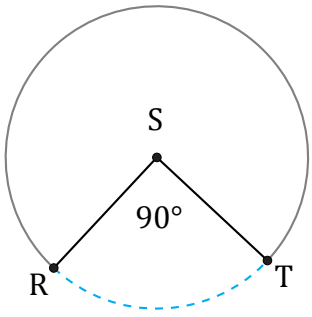
Circunferencia = 565.49 cm

∠DEF =



Circunferencia = 2909.11 ft

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



?

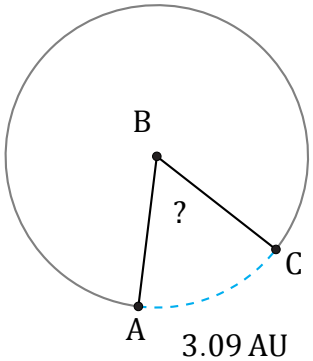
Circunferencia = 87.96 in

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

Amplitud y Longitud de Arcos (G) Respuestas

Nombre: _____ Fecha: _____

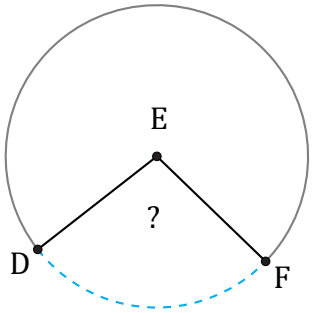
Calcule la amplitud angular o la longitud de cada arco.



3.09 AU

Circunferencia = 18.85 AU

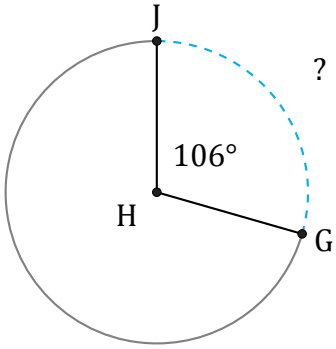
$\angle ABC = \frac{3.09}{18.85} \times 360 = 59°$



153.94 cm

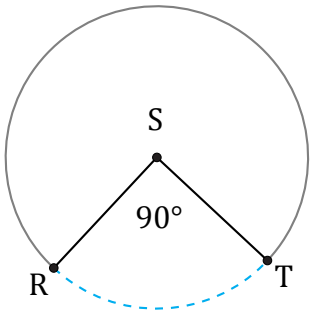
Circunferencia = 565.49 cm

$\angle DEF = \frac{153.94}{565.49} \times 360 = 98°$



Circunferencia = 2909.11 ft

$\overset{\frown}{GJ} = \frac{106}{360} \times 2909.11 = 856.57$ ft



?

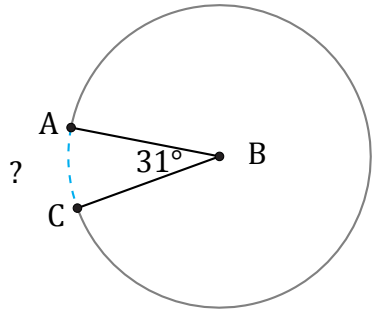
Circunferencia = 87.96 in

$\overset{\frown}{RT} = \frac{90}{360} \times 87.96 = 21.99$ in

Amplitud y Longitud de Arcos (H)

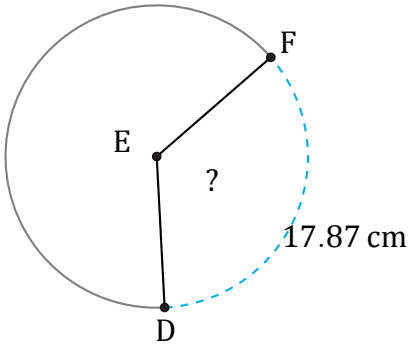
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



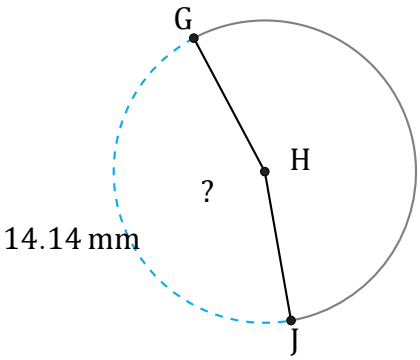
Circunferencia = 590.62 AU

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



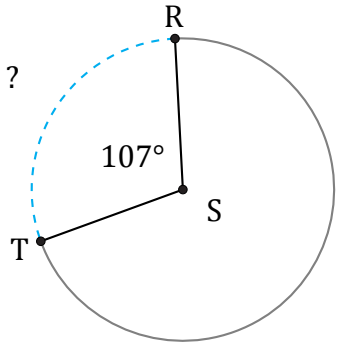
Circunferencia = 50.27 cm

∠DEF =



Circunferencia = 31.42 mm

∠GHJ =



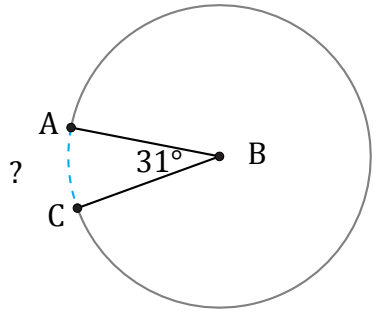
Circunferencia = 4737.52 cm

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

Amplitud y Longitud de Arcos (H) Respuestas

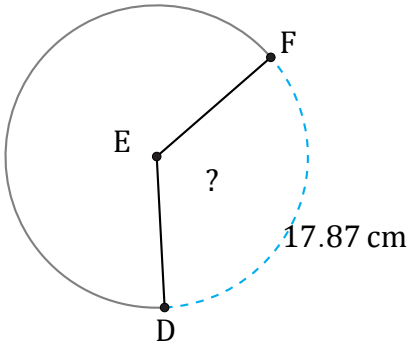
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



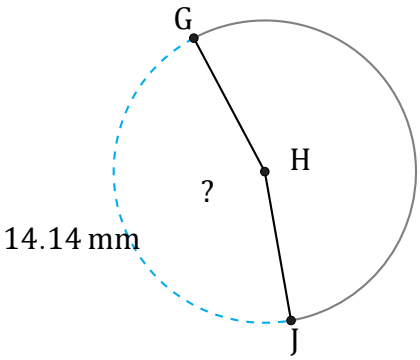
Circunferencia = 590.62 AU

$\overset{\frown}{AC} = \frac{31}{360} \times 590.62 = 50.86 \text{ AU}$



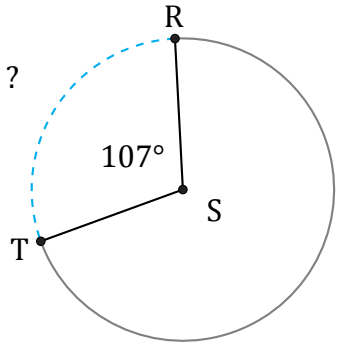
Circunferencia = 50.27 cm

$\angle DEF = \frac{17.87}{50.27} \times 360 = 128°$



Circunferencia = 31.42 mm

$\angle GHJ = \frac{14.14}{31.42} \times 360 = 162°$



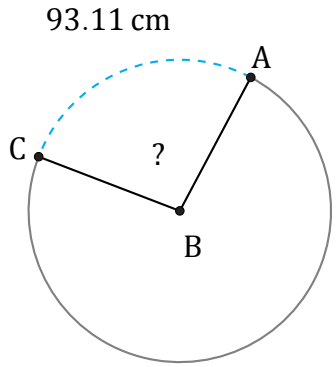
Circunferencia = 4737.52 cm

$\overset{\frown}{RT} = \frac{107}{360} \times 4737.52 = 1408.1 \text{ cm}$

Amplitud y Longitud de Arcos (I)

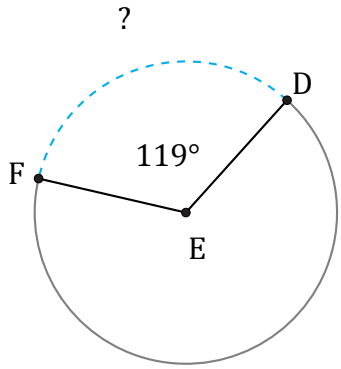
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



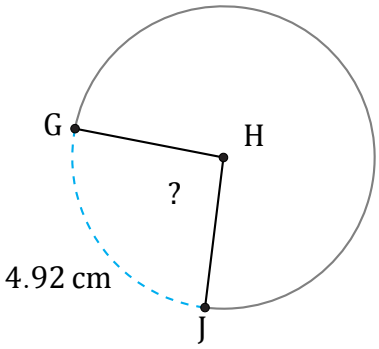
Circunferencia = 345.58 cm

∠ABC =



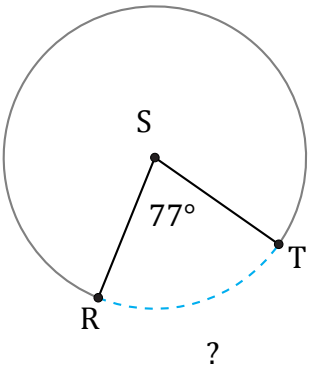
Circunferencia = 527.79 mi

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



Circunferencia = 18.85 cm

∠GHJ =



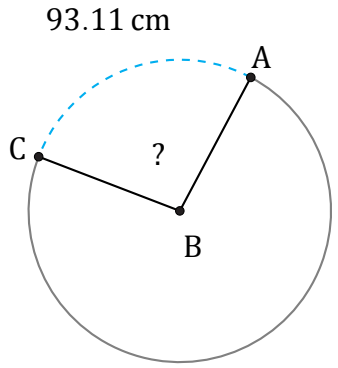
Circunferencia = 2230.53 AU

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

Amplitud y Longitud de Arcos (I) Respuestas

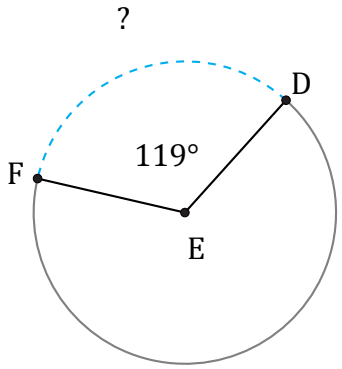
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



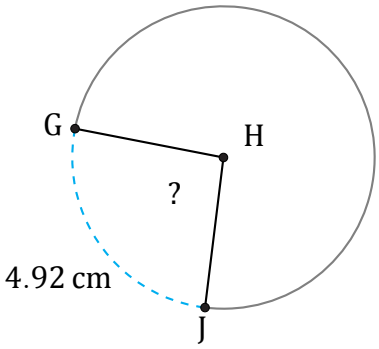
Circunferencia = 345.58 cm

$\angle ABC = \frac{93.11}{345.58} \times 360 = 97°$



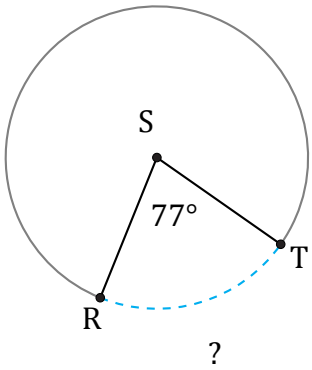
Circunferencia = 527.79 mi

$\overset{\frown}{DF} = \frac{119}{360} \times 527.79 = 174.46 \text{ mi}$



Circunferencia = 18.85 cm

$\angle GHJ = \frac{4.92}{18.85} \times 360 = 94°$



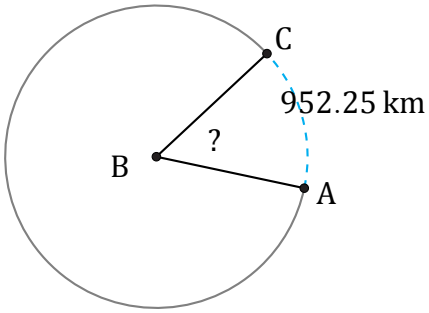
Circunferencia = 2230.53 AU

$\overset{\frown}{RT} = \frac{77}{360} \times 2230.53 = 477.09 \text{ AU}$

Amplitud y Longitud de Arcos (J)

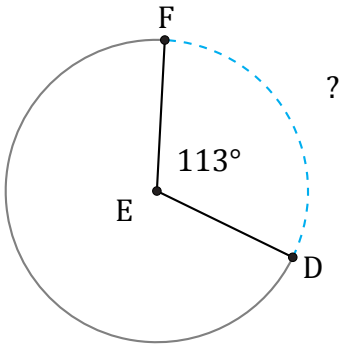
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



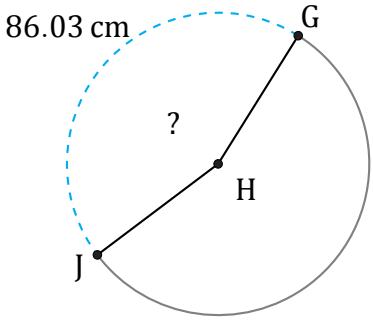
Circunferencia = 6232.92 km

∠ABC =



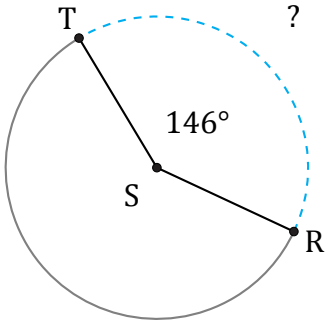
Circunferencia = 483.81 in

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



Circunferencia = 194.78 cm

∠GHJ =



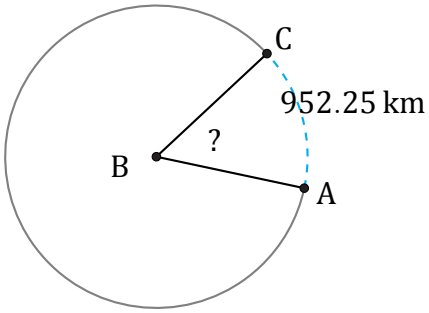
Circunferencia = 1294.34 cm

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

Amplitud y Longitud de Arcos (J) Respuestas

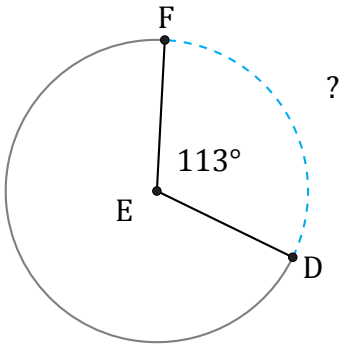
Nombre: _____ Fecha: _____

Calcule la amplitud angular o la longitud de cada arco.



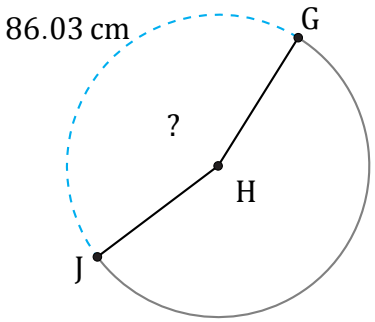
Circunferencia = 6232.92 km

$\angle ABC = \frac{952.25}{6232.92} \times 360 = 55°$



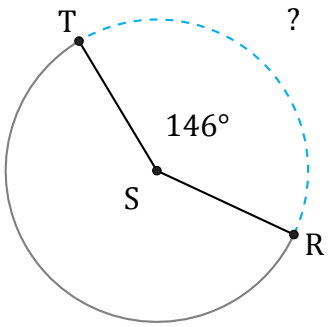
Circunferencia = 483.81 in

$\overset{\frown}{DF} = \frac{113}{360} \times 483.81 = 151.86$ in



Circunferencia = 194.78 cm

$\angle GHJ = \frac{86.03}{194.78} \times 360 = 159°$



Circunferencia = 1294.34 cm

$\overset{\frown}{RT} = \frac{146}{360} \times 1294.34 = 524.93$ cm