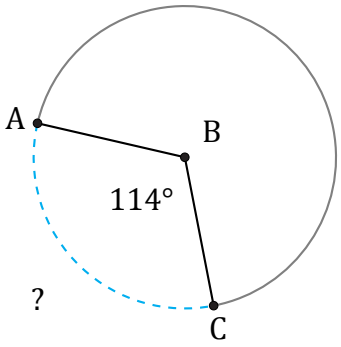
Longitud de Arcos (A)

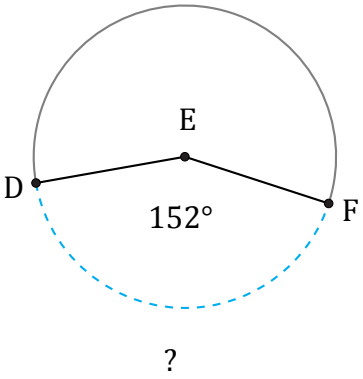
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



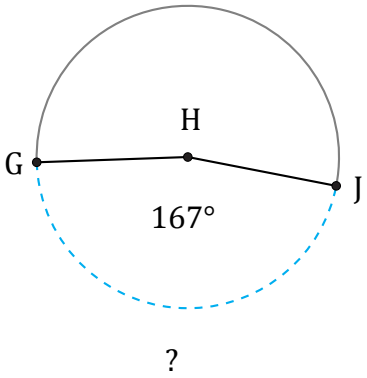
Radio = 33 km

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



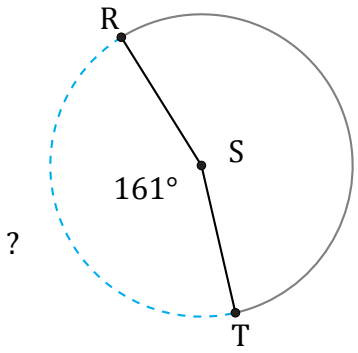
Diámetro = 1676 mm

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



Radio = 228 in

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



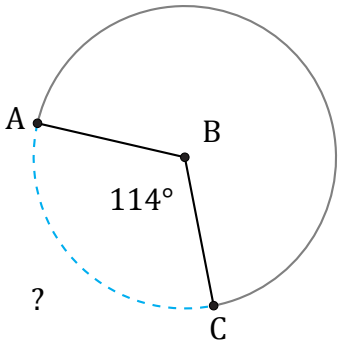
Diámetro = 6 cm

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

Longitud de Arcos (A) Respuestas

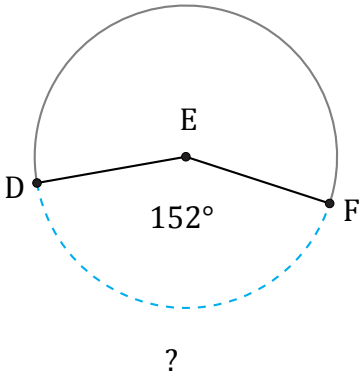
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



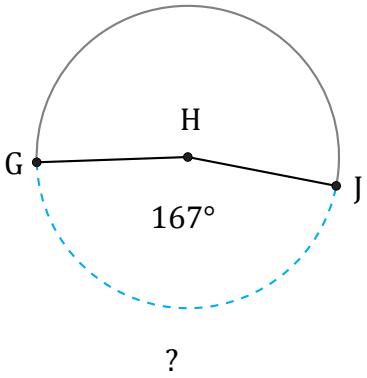
Radio = 33 km

$\overset{\frown}{AC} = \frac{114}{360} \times \pi \times 33 \times 2 = 65.66$ km



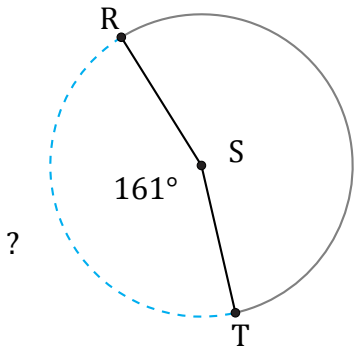
Diámetro = 1676 mm

$\overset{\frown}{DF} = \frac{152}{360} \times \pi \times 1676 = 2223.13$ mm



Radio = 228 in

$\overset{\frown}{GJ} = \frac{167}{360} \times \pi \times 228 \times 2 = 664.55$ in



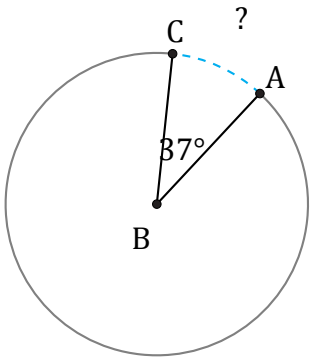
Diámetro = 6 cm

$\overset{\frown}{RT} = \frac{161}{360} \times \pi \times 6 = 8.43$ cm

Longitud de Arcos (B)

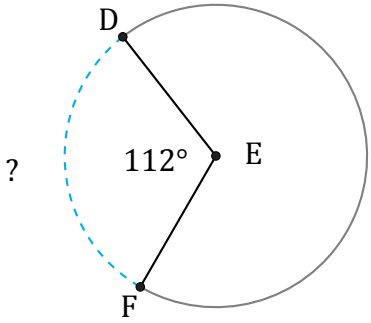
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



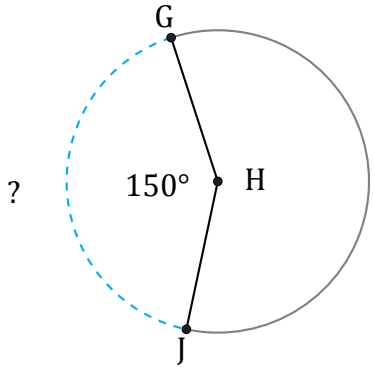
Radio = 75 mi

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



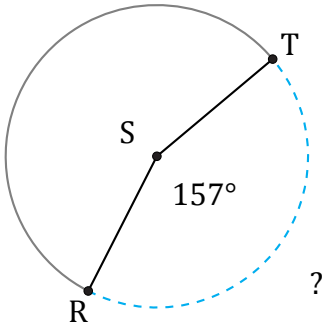
Radio = 847 in

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



Diámetro = 1034 km

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



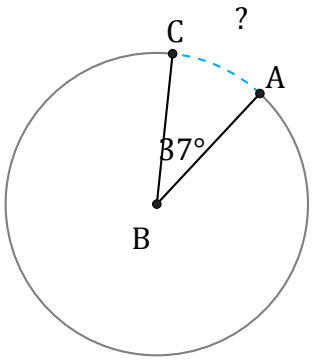
Diámetro = 190 km

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

Longitud de Arcos (B) Respuestas

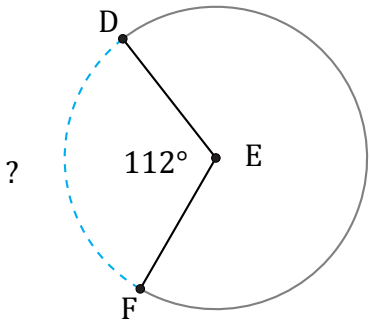
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



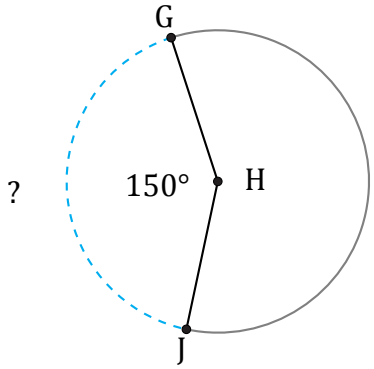
Radio = 75 mi

$\overset{\frown}{AC} = \frac{37}{360} \times \pi \times 75 \times 2 = 48.43$ mi



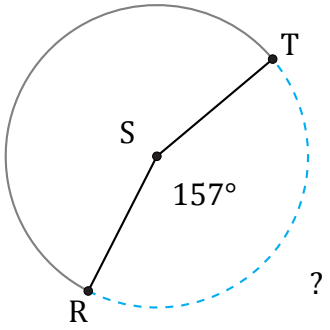
Radio = 847 in

$\overset{\frown}{DF} = \frac{112}{360} \times \pi \times 847 \times 2 = 1655.69$ in



Diámetro = 1034 km

$\overset{\frown}{GJ} = \frac{150}{360} \times \pi \times 1034 = 1353.5$ km



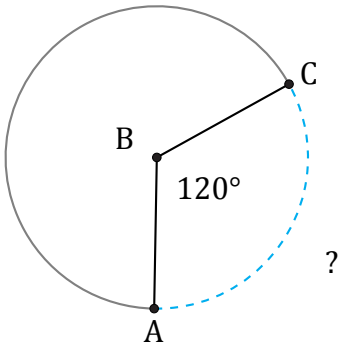
Diámetro = 190 km

$\overset{\frown}{RT} = \frac{157}{360} \times \pi \times 190 = 260.32$ km

Longitud de Arcos (C)

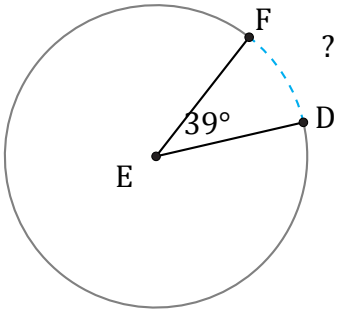
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



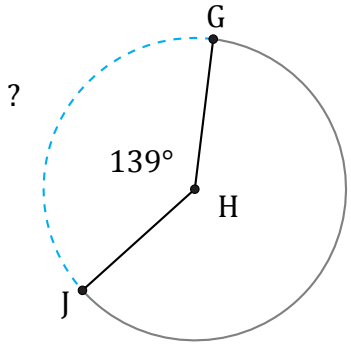
Diámetro = 162 in

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



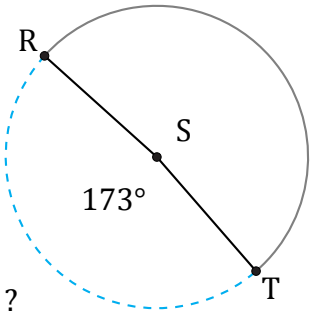
Diámetro = 4 ft

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



Radio = 4 mi

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



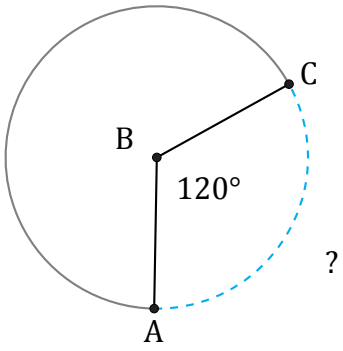
Radio = 7 ft

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

Longitud de Arcos (C) Respuestas

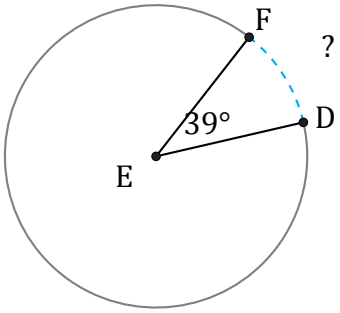
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



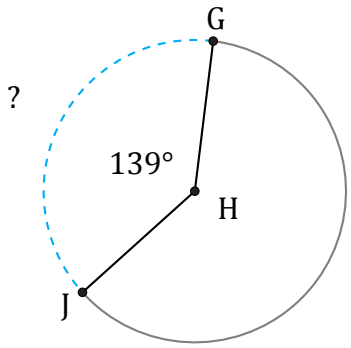
Diámetro = 162 in

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



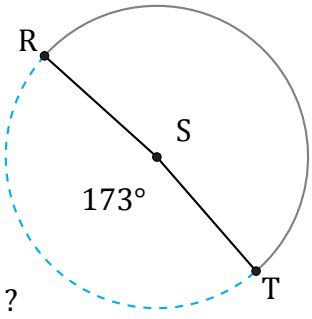
Diámetro = 4 ft

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



Radio = 4 mi

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



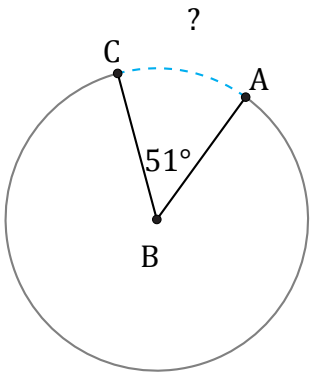
Radio = 7 ft

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

Longitud de Arcos (D)

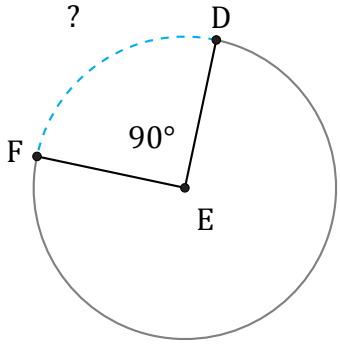
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



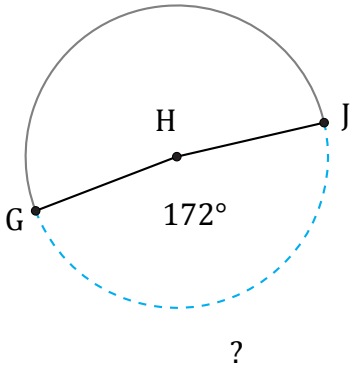
Radio = 1 AU

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



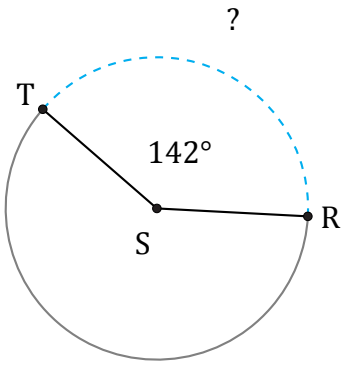
Radio = 3 cm

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



Diámetro = 184 ft

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



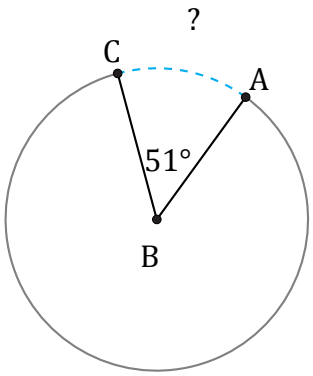
Diámetro = 12 mi

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

Longitud de Arcos (D) Respuestas

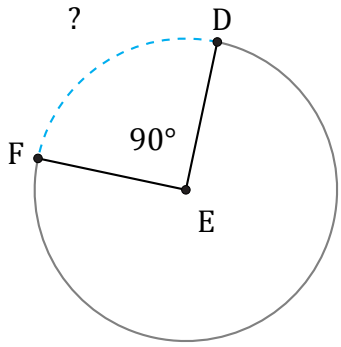
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



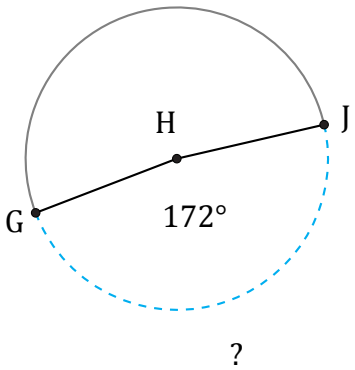
Radio = 1 AU

$\overset{\frown}{AC} = \frac{51}{360} \times \pi \times 1 \times 2 = 0.89 \text{ AU}$



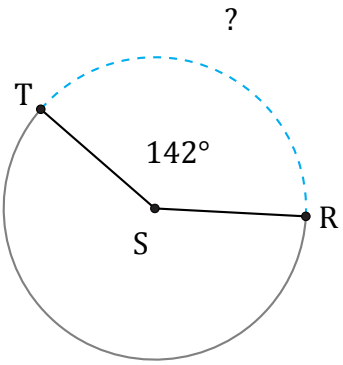
Radio = 3 cm

$\overset{\frown}{DF} = \frac{90}{360} \times \pi \times 3 \times 2 = 4.71 \text{ cm}$



Diámetro = 184 ft

$\overset{\frown}{GJ} = \frac{172}{360} \times \pi \times 184 = 276.18 \text{ ft}$



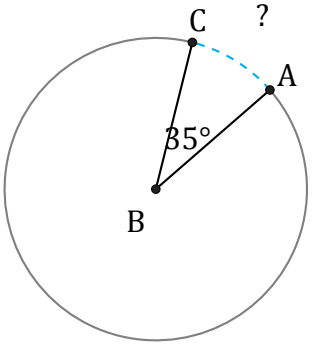
Diámetro = 12 mi

$\overset{\frown}{RT} = \frac{142}{360} \times \pi \times 12 = 14.87 \text{ mi}$

Longitud de Arcos (E)

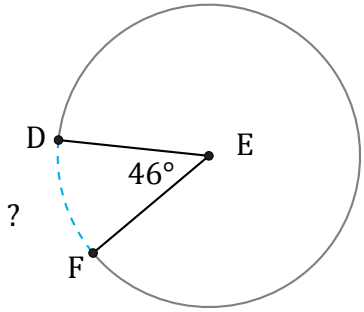
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



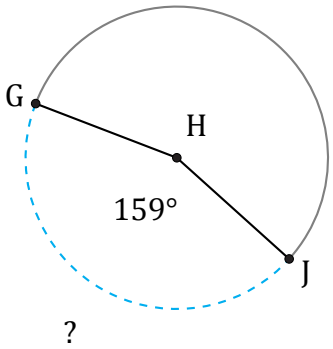
Diámetro = 1860 mm

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



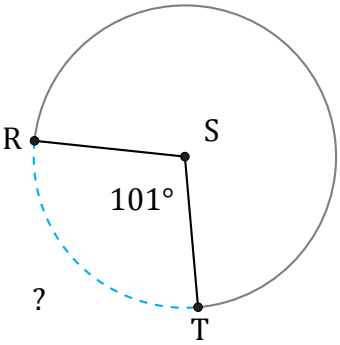
Diámetro = 1922 cm

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



Radio = 912 mi

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



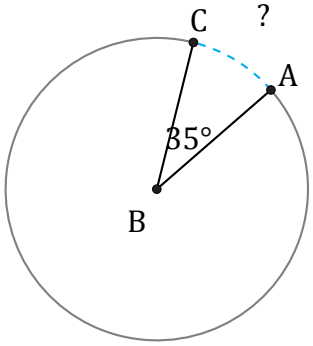
Radio = 444 mi

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

Longitud de Arcos (E) Respuestas

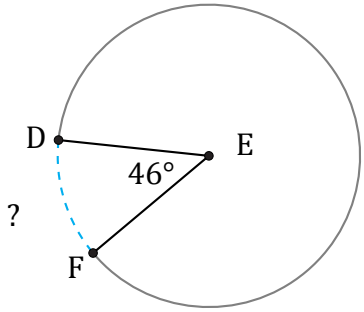
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



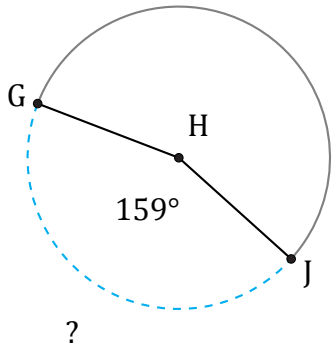
Diámetro = 1860 mm

$\overset{\frown}{AC} = \frac{35}{360} \times \pi \times 1860 = 568.1 \text{ mm}$



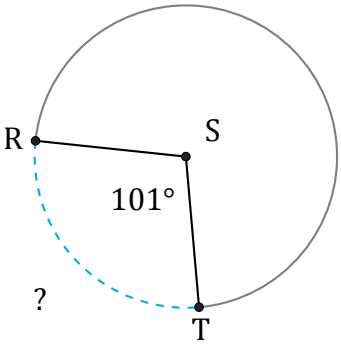
Diámetro = 1922 cm

$\overset{\frown}{DF} = \frac{46}{360} \times \pi \times 1922 = 771.54 \text{ cm}$



Radio = 912 mi

$\overset{\frown}{GJ} = \frac{159}{360} \times \pi \times 912 \times 2 = 2530.87 \text{ mi}$



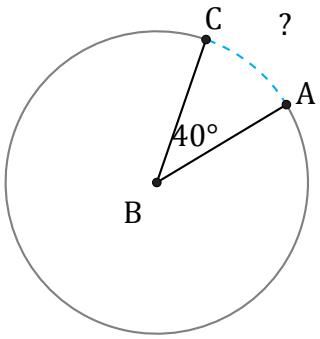
Radio = 444 mi

$\overset{\frown}{RT} = \frac{101}{360} \times \pi \times 444 \times 2 = 782.68 \text{ mi}$

Longitud de Arcos (F)

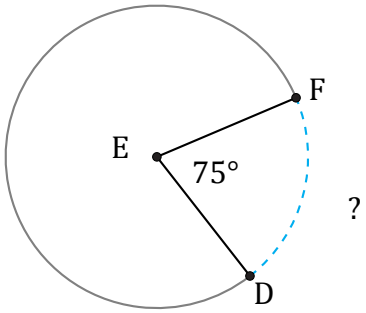
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



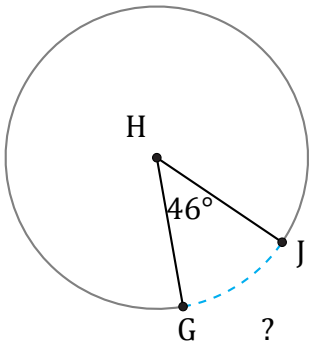
Radio = 351 mm

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



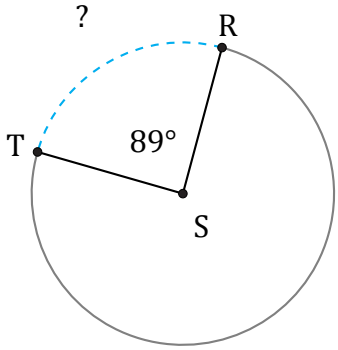
Diámetro = 136 ft

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



Diámetro = 16 m

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



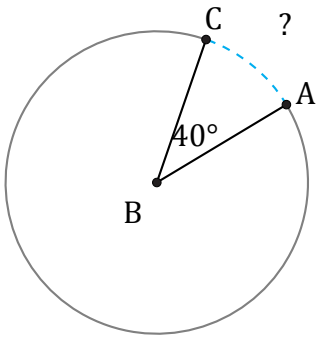
Radio = 66 mm

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

Longitud de Arcos (F) Respuestas

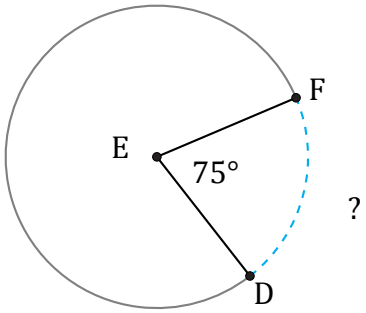
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



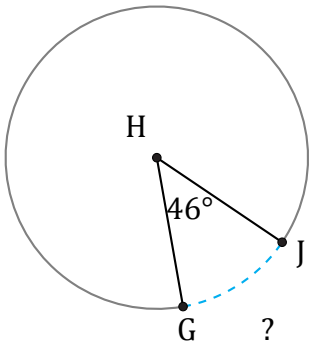
Radio = 351 mm

$\overset{\frown}{AC} = \frac{40}{360} \times \pi \times 351 \times 2 = 245.04 \text{ mm}$



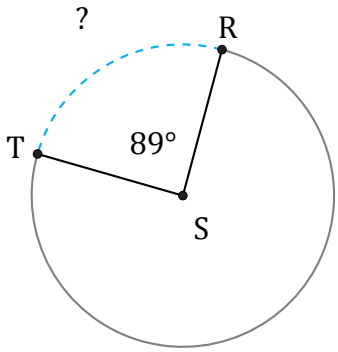
Diámetro = 136 ft

$\overset{\frown}{DF} = \frac{75}{360} \times \pi \times 136 = 89.01 \text{ ft}$



Diámetro = 16 m

$\overset{\frown}{GJ} = \frac{46}{360} \times \pi \times 16 = 6.42 \text{ m}$



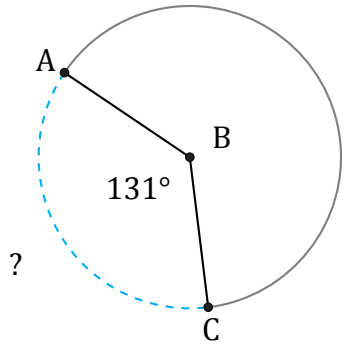
Radio = 66 mm

$\overset{\frown}{RT} = \frac{89}{360} \times \pi \times 66 \times 2 = 102.52 \text{ mm}$

Longitud de Arcos (G)

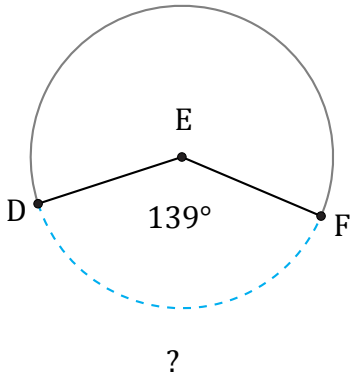
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



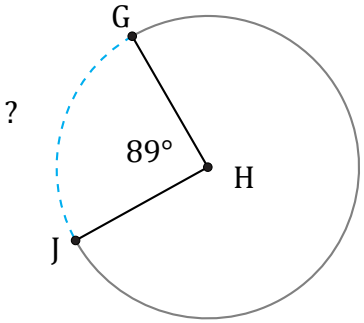
Diámetro = 676 AU

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



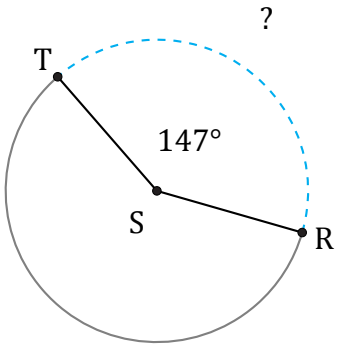
Diámetro = 898 ft

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



Radio = 949 mm

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



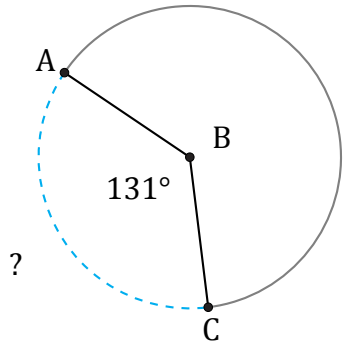
Radio = 254 mm

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

Longitud de Arcos (G) Respuestas

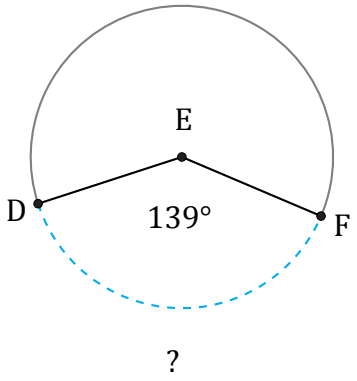
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



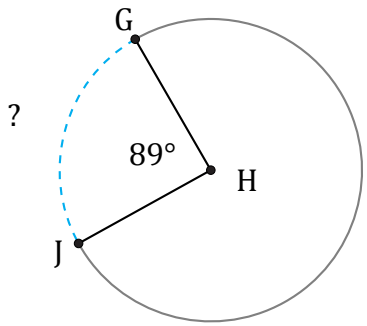
Diámetro = 676 AU

$\overset{\frown}{AC} = \frac{131}{360} \times \pi \times 676 = 772.8 \text{ AU}$



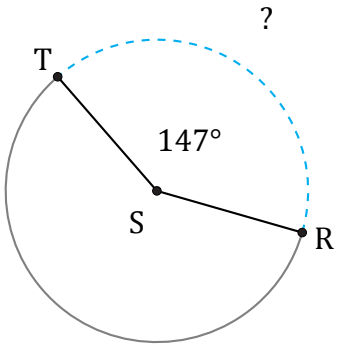
Diámetro = 898 ft

$\overset{\frown}{DF} = \frac{139}{360} \times \pi \times 898 = 1089.28 \text{ ft}$



Radio = 949 mm

$\overset{\frown}{GJ} = \frac{89}{360} \times \pi \times 949 \times 2 = 1474.12 \text{ mm}$



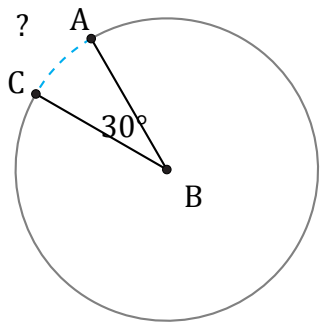
Radio = 254 mm

$\overset{\frown}{RT} = \frac{147}{360} \times \pi \times 254 \times 2 = 651.67 \text{ mm}$

Longitud de Arcos (H)

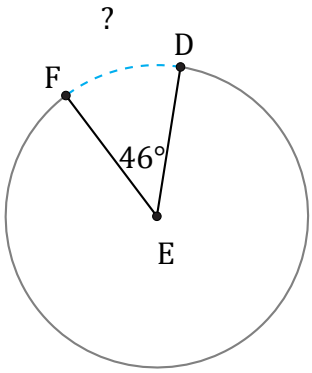
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



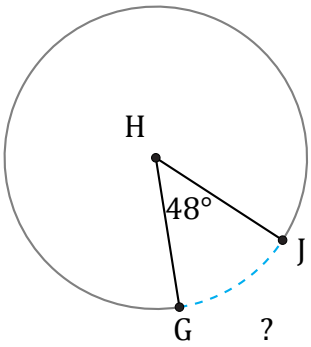
Radio = 53 in

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



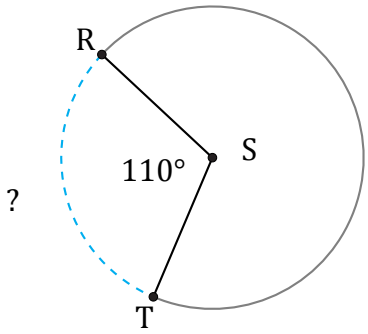
Radio = 9 m

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



Diámetro = 16 ft

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



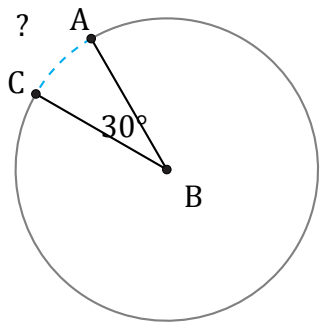
Diámetro = 14 mi

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

Longitud de Arcos (H) Respuestas

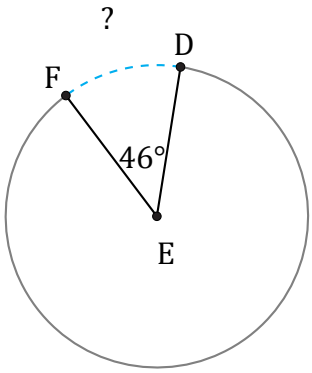
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



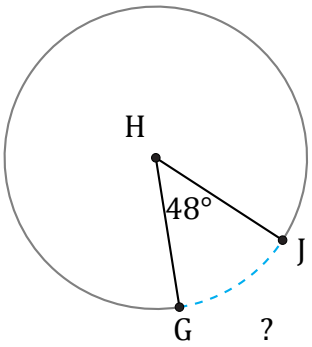
Radio = 53 in

$\overset{\frown}{AC} = \frac{30}{360} \times \pi \times 53 \times 2 = 27.75$ in



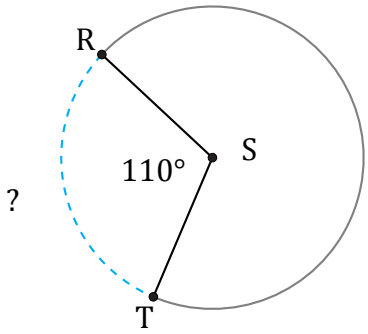
Radio = 9 m

$\overset{\frown}{DF} = \frac{46}{360} \times \pi \times 9 \times 2 = 7.23$ m



Diámetro = 16 ft

$\overset{\frown}{GJ} = \frac{48}{360} \times \pi \times 16 = 6.7$ ft



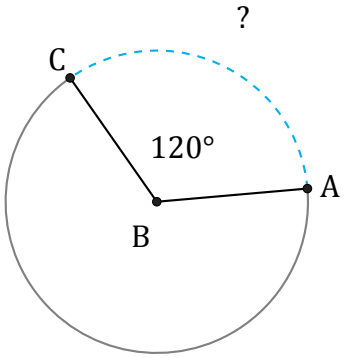
Diámetro = 14 mi

$\overset{\frown}{RT} = \frac{110}{360} \times \pi \times 14 = 13.44$ mi

Longitud de Arcos (I)

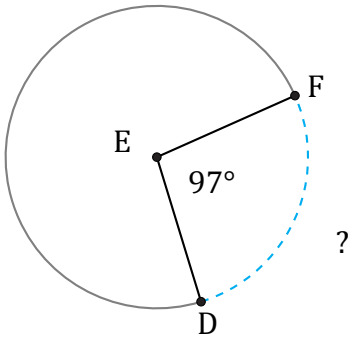
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



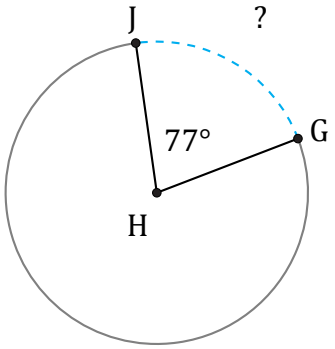
Radio = 78 ft

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



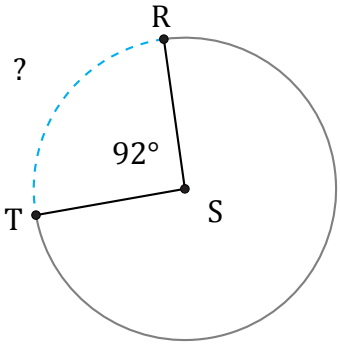
Diámetro = 6 cm

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



Radio = 357 m

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



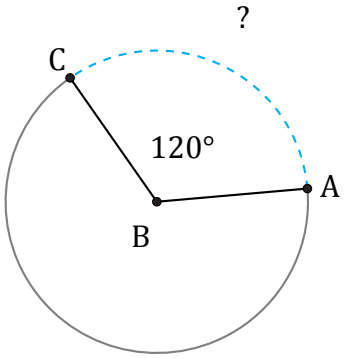
Diámetro = 24 km

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

Longitud de Arcos (I) Respuestas

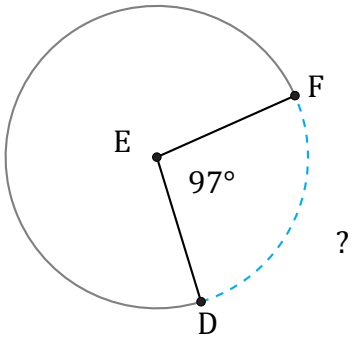
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



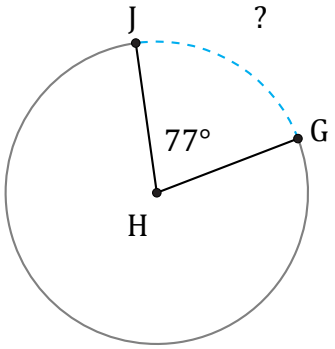
Radio = 78 ft

$\overset{\frown}{AC} = \frac{120}{360} \times \pi \times 78 \times 2 = 163.36$ ft



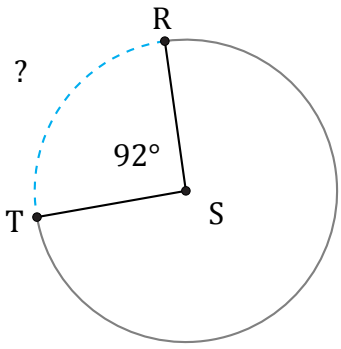
Diámetro = 6 cm

$\overset{\frown}{DF} = \frac{97}{360} \times \pi \times 6 = 5.08$ cm



Radio = 357 m

$\overset{\frown}{GJ} = \frac{77}{360} \times \pi \times 357 \times 2 = 479.77$ m



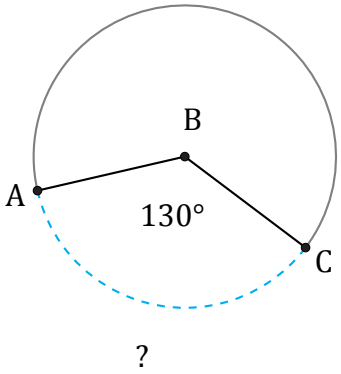
Diámetro = 24 km

$\overset{\frown}{RT} = \frac{92}{360} \times \pi \times 24 = 19.27$ km

Longitud de Arcos (J)

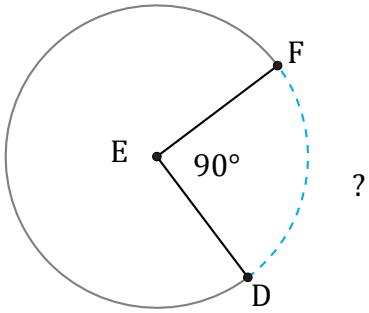
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



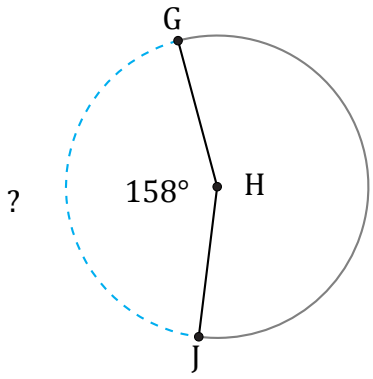
Radio = 5 mi

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



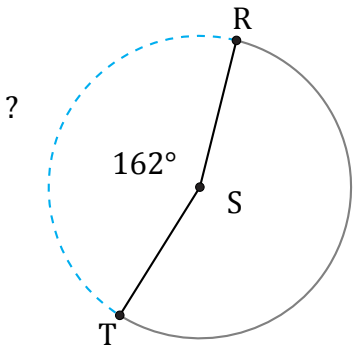
Diámetro = 1754 AU

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



Diámetro = 16 ft

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



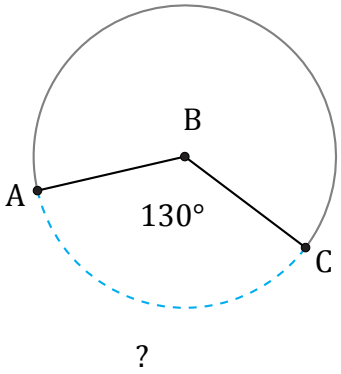
Radio = 771 mm

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

Longitud de Arcos (J) Respuestas

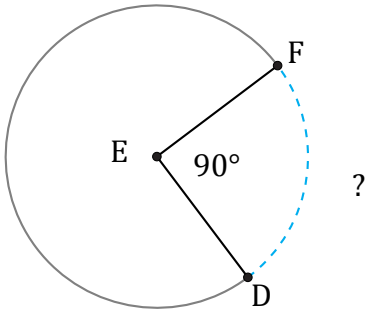
Nombre: _____ Fecha: _____

Calcule la longitud de cada arco.



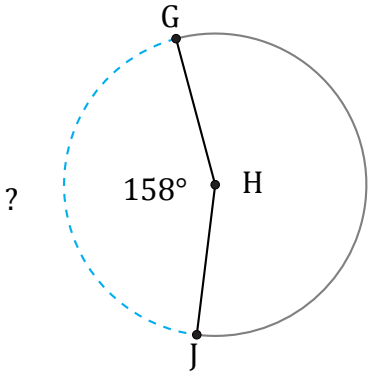
Radio = 5 mi

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



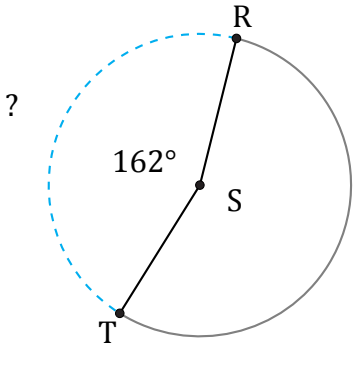
Diámetro = 1754 AU

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



Diámetro = 16 ft

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



Radio = 771 mm

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