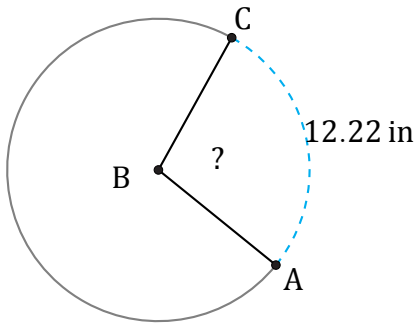


# Amplitud de Arcos (A)

Nombre: \_\_\_\_\_

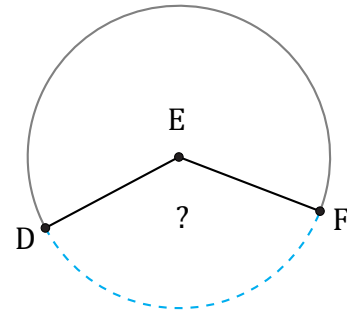
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



Diámetro = 14 in

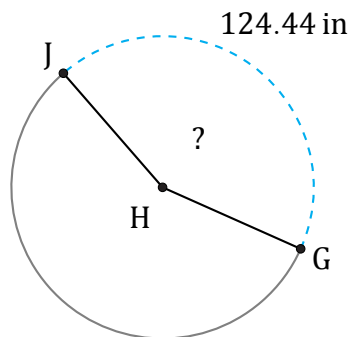
$\angle ABC =$



363.53 mm

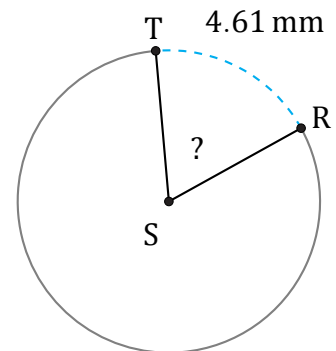
Radio = 159 mm

$\angle DEF =$



Diámetro = 92 in

$\angle GHJ =$



Radio = 4 mm

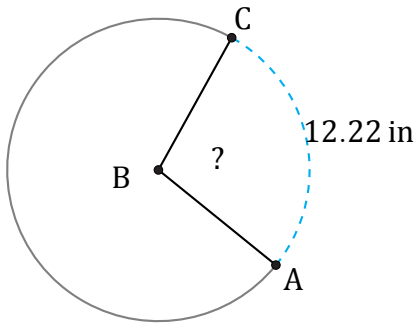
$\angle RST =$

# Amplitud de Arcos (A) Respuestas

Nombre: \_\_\_\_\_

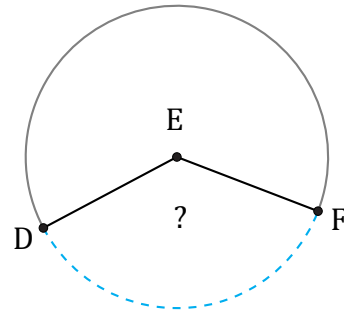
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



Diámetro = 14 in

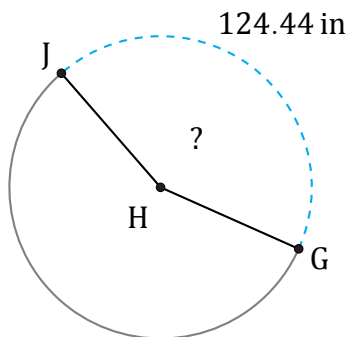
$$\angle ABC = \frac{12.22}{14 \times \pi} \times 360 = 100^\circ$$



363.53 mm

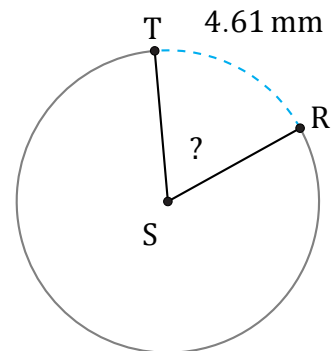
Radio = 159 mm

$$\angle DEF = \frac{363.53}{159 \times \pi \times 2} \times 360 = 131^\circ$$



Diámetro = 92 in

$$\angle GHJ = \frac{124.44}{92 \times \pi} \times 360 = 155^\circ$$



Radio = 4 mm

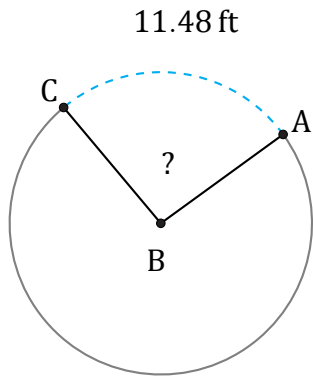
$$\angle RST = \frac{4.61}{4 \times \pi \times 2} \times 360 = 66^\circ$$

# Amplitud de Arcos (B)

Nombre: \_\_\_\_\_

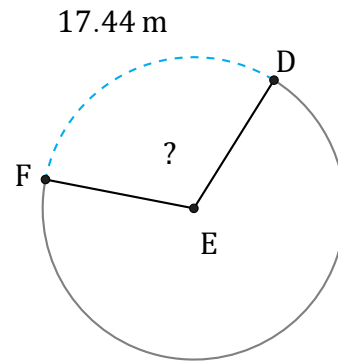
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



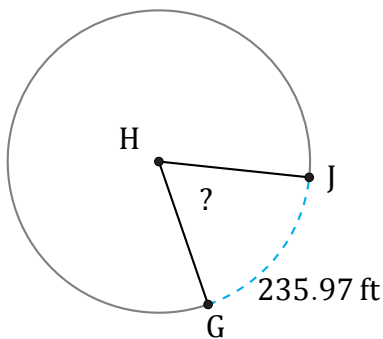
Diámetro = 14 ft

$\angle ABC =$



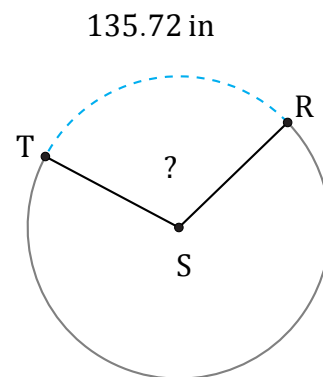
Radio = 9 m

$\angle DEF =$



Diámetro = 416 ft

$\angle GHJ =$



Radio = 72 in

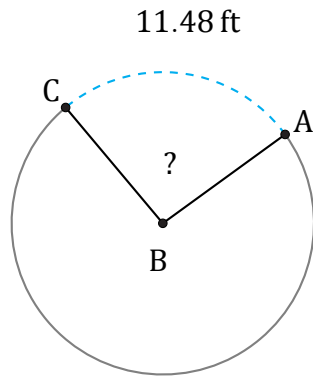
$\angle RST =$

# Amplitud de Arcos (B) Respuestas

Nombre: \_\_\_\_\_

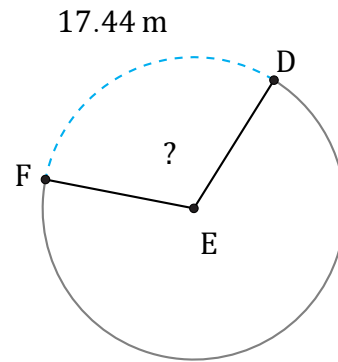
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



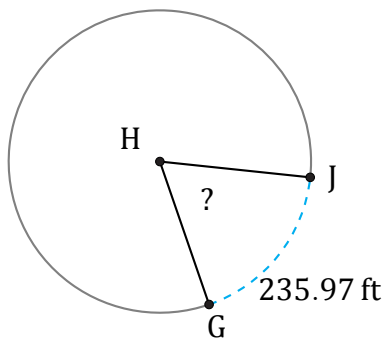
Diámetro = 14 ft

$$\angle ABC = \frac{11.48}{14 \times \pi} \times 360 = 94^\circ$$



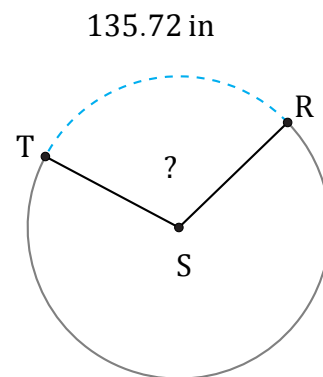
Radio = 9 m

$$\angle DEF = \frac{17.44}{9 \times \pi \times 2} \times 360 = 111^\circ$$



Diámetro = 416 ft

$$\angle GHJ = \frac{235.97}{416 \times \pi} \times 360 = 65^\circ$$



Radio = 72 in

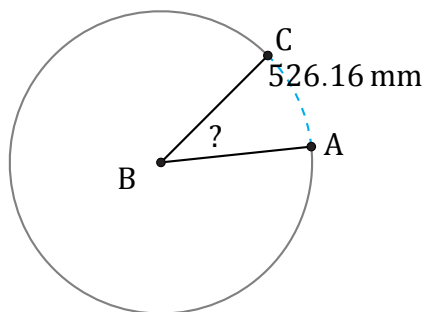
$$\angle RST = \frac{135.72}{72 \times \pi \times 2} \times 360 = 108^\circ$$

# Amplitud de Arcos (C)

Nombre: \_\_\_\_\_

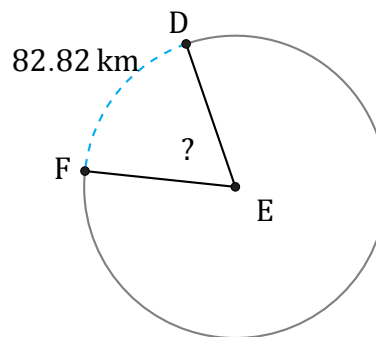
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



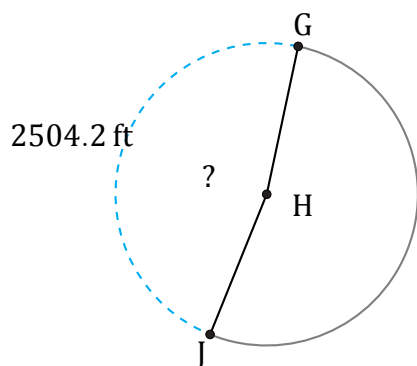
Diámetro = 1546 mm

$\angle ABC =$



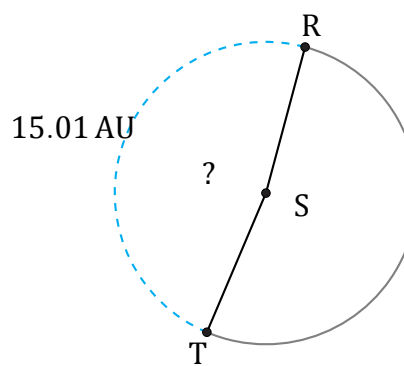
Radio = 73 km

$\angle DEF =$



Radio = 844 ft

$\angle GHJ =$



Diámetro = 10 AU

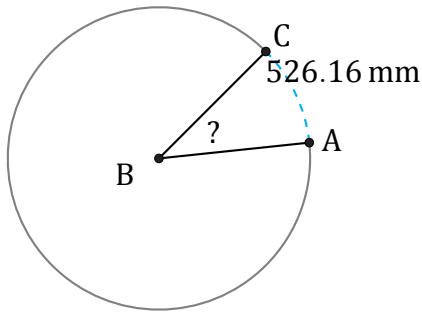
$\angle RST =$

# Amplitud de Arcos (C) Respuestas

Nombre: \_\_\_\_\_

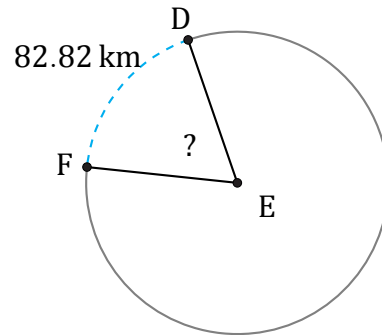
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



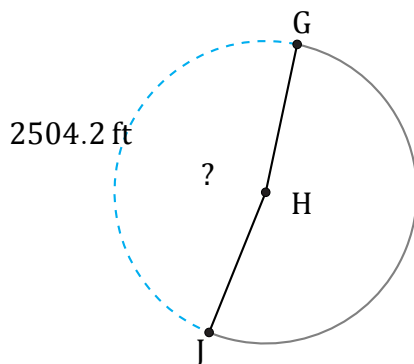
Diámetro = 1546 mm

$$\angle ABC = \frac{526.16}{1546 \times \pi} \times 360 = 39^\circ$$



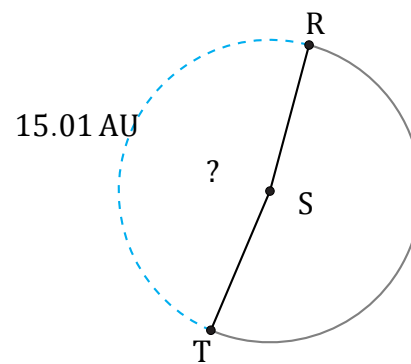
Radio = 73 km

$$\angle DEF = \frac{82.82}{73 \times \pi \times 2} \times 360 = 65^\circ$$



Radio = 844 ft

$$\angle GHJ = \frac{2504.2}{844 \times \pi \times 2} \times 360 = 170^\circ$$



Diámetro = 10 AU

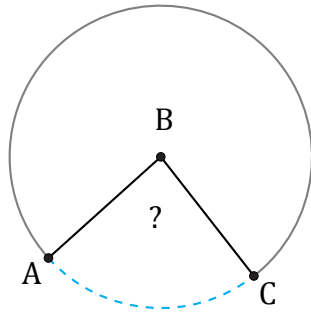
$$\angle RST = \frac{15.01}{10 \times \pi} \times 360 = 172^\circ$$

# Amplitud de Arcos (D)

Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_

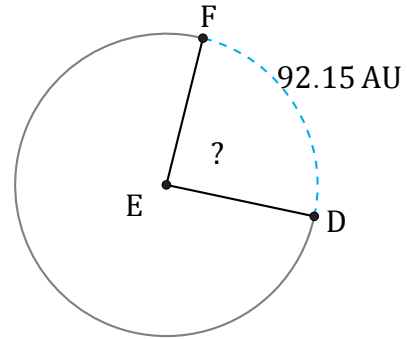
Calcule la amplitud angular de cada arco.



637.92 mi

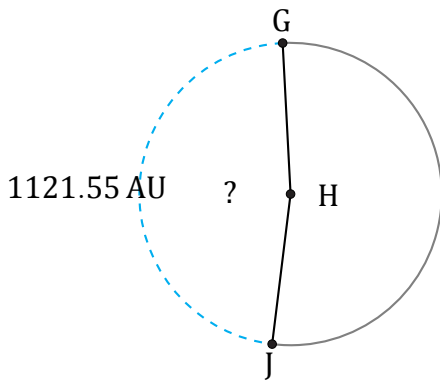
Diámetro = 850 mi

$\angle ABC =$



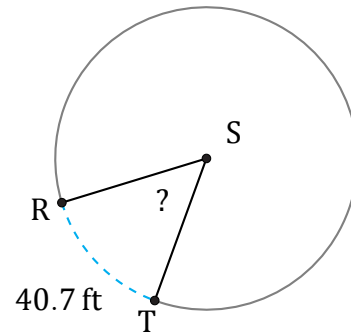
Radio = 60 AU

$\angle DEF =$



Radio = 378 AU

$\angle GHJ =$



Diámetro = 88 ft

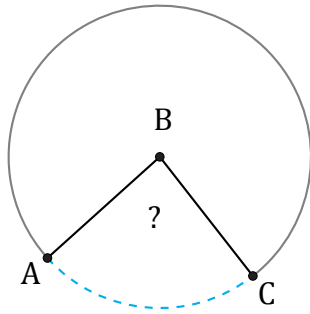
$\angle RST =$

# Amplitud de Arcos (D) Respuestas

Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_

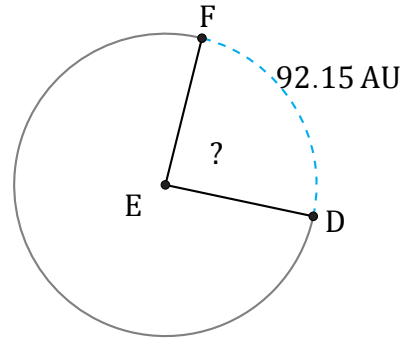
Calcule la amplitud angular de cada arco.



637.92 mi

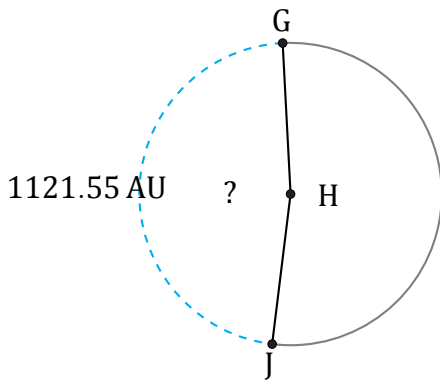
Diámetro = 850 mi

$$\angle ABC = \frac{637.92}{850 \times \pi} \times 360 = 86^\circ$$



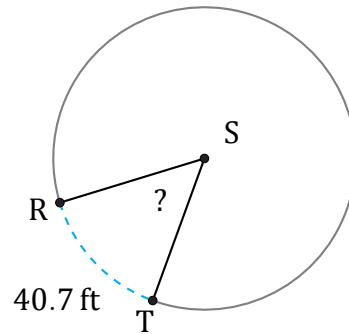
Radio = 60 AU

$$\angle DEF = \frac{92.15}{60 \times \pi \times 2} \times 360 = 88^\circ$$



Radio = 378 AU

$$\angle GHJ = \frac{1121.55}{378 \times \pi \times 2} \times 360 = 170^\circ$$



Diámetro = 88 ft

$$\angle RST = \frac{40.7}{88 \times \pi} \times 360 = 53^\circ$$

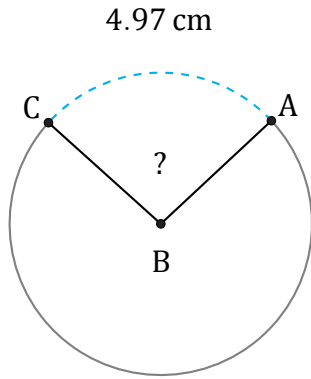


# Amplitud de Arcos (E)

Nombre: \_\_\_\_\_

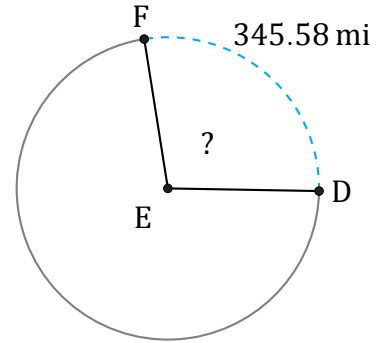
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



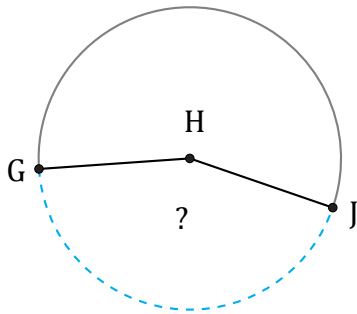
Diámetro = 6 cm

$\angle ABC =$



Radio = 198 mi

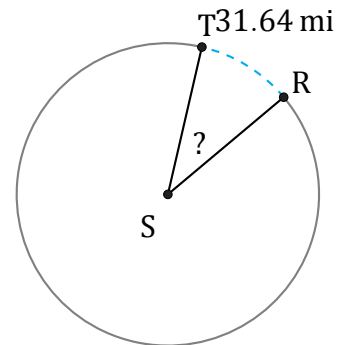
$\angle DEF =$



216.47 in

Radio = 79 in

$\angle GHJ =$



Diámetro = 98 mi

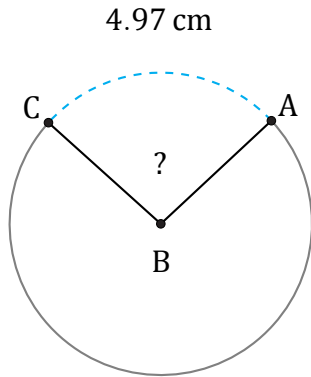
$\angle RST =$

# Amplitud de Arcos (E) Respuestas

Nombre: \_\_\_\_\_

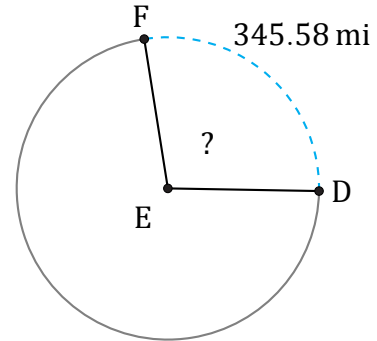
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



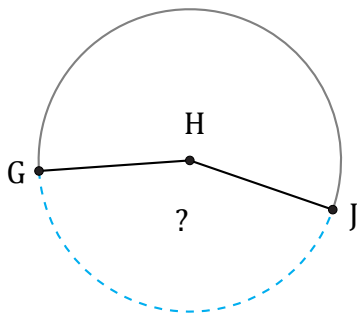
Diámetro = 6 cm

$$\angle ABC = \frac{4.97}{\frac{6 \times \pi}{2}} \times 360 = 94.9^\circ$$



Radio = 198 mi

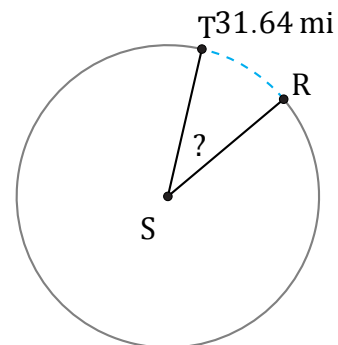
$$\angle DEF = \frac{345.58}{198 \times \pi \times 2} \times 360 = 100^\circ$$



216.47 in

Radio = 79 in

$$\angle GHJ = \frac{216.47}{79 \times \pi \times 2} \times 360 = 157^\circ$$



Diámetro = 98 mi

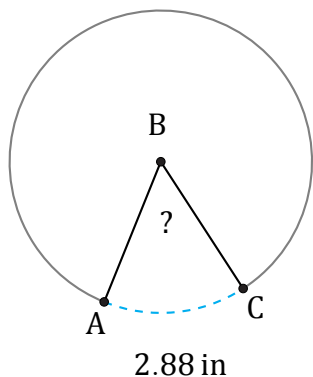
$$\angle RST = \frac{31.64}{98 \times \pi} \times 360 = 37^\circ$$

# Amplitud de Arcos (F)

Nombre: \_\_\_\_\_

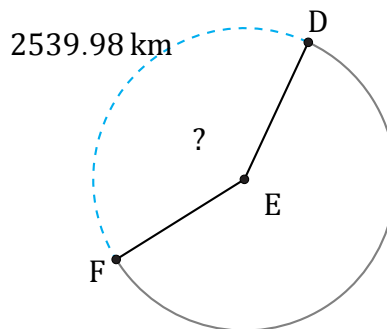
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



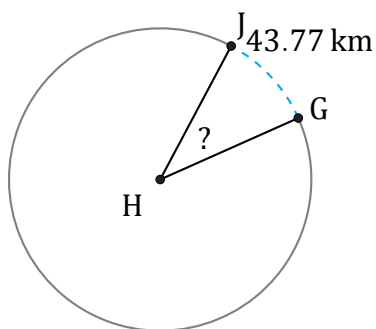
Diámetro = 6 in

$\angle ABC =$



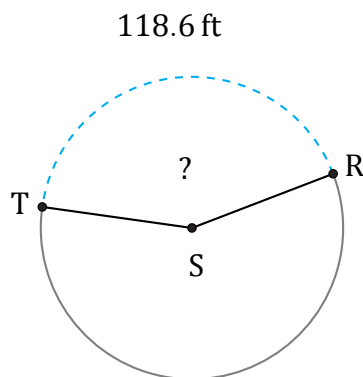
Radio = 990 km

$\angle DEF =$



Radio = 66 km

$\angle GHJ =$



Diámetro = 90 ft

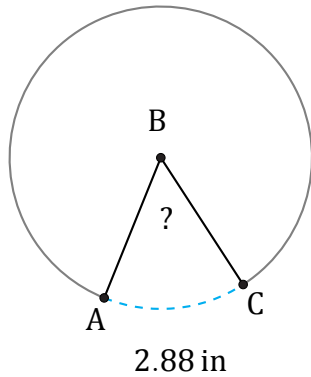
$\angle RST =$

# Amplitud de Arcos (F) Respuestas

Nombre: \_\_\_\_\_

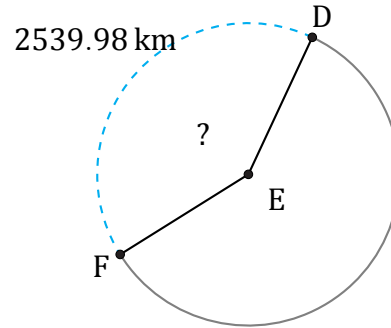
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



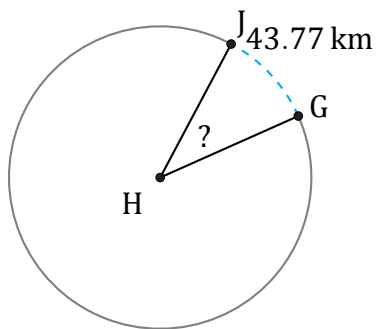
Diámetro = 6 in

$$\angle ABC = \frac{2.88}{6 \times \pi} \times 360 = 55^\circ$$



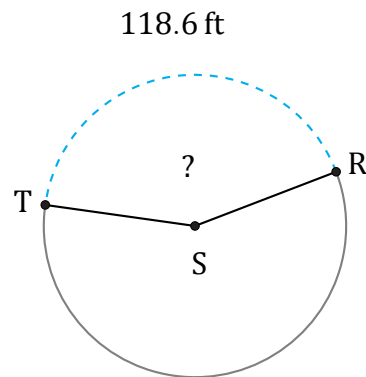
Radio = 990 km

$$\angle DEF = \frac{2539.98}{990 \times \pi \times 2} \times 360 = 147^\circ$$



Radio = 66 km

$$\angle GHJ = \frac{43.77}{66 \times \pi \times 2} \times 360 = 38^\circ$$



Diámetro = 90 ft

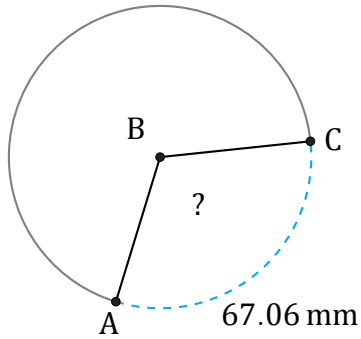
$$\angle RST = \frac{118.6}{90 \times \pi} \times 360 = 151^\circ$$

# Amplitud de Arcos (G)

Nombre: \_\_\_\_\_

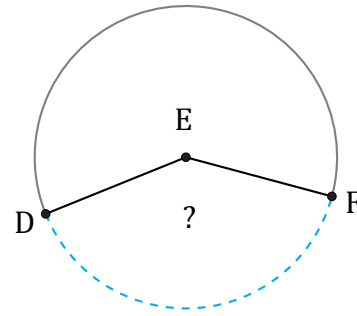
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



Diámetro = 68 mm

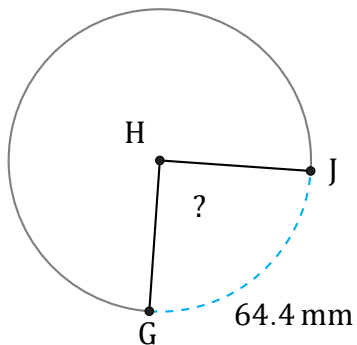
$\angle ABC =$



32.45 cm

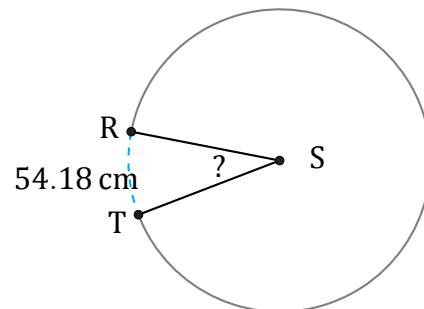
Radio = 13 cm

$\angle DEF =$



Radio = 41 mm

$\angle GHJ =$



Diámetro = 194 cm

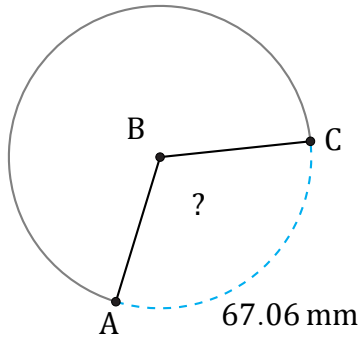
$\angle RST =$

# Amplitud de Arcos (G) Respuestas

Nombre: \_\_\_\_\_

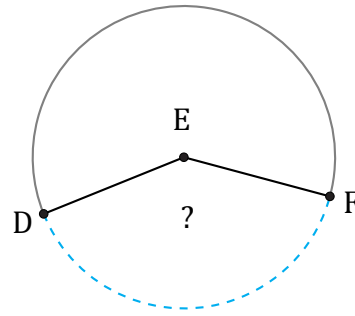
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



Diámetro = 68 mm

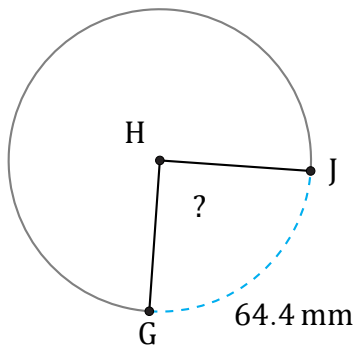
$$\angle ABC = \frac{67.06}{68 \times \pi} \times 360 = 113^\circ$$



32.45 cm

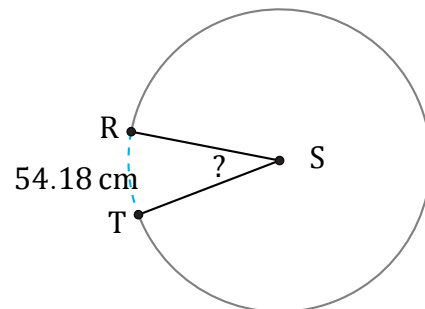
Radio = 13 cm

$$\angle DEF = \frac{32.45}{13 \times \pi \times 2} \times 360 = 143^\circ$$



Radio = 41 mm

$$\angle GHJ = \frac{64.4}{41 \times \pi \times 2} \times 360 = 90^\circ$$



Diámetro = 194 cm

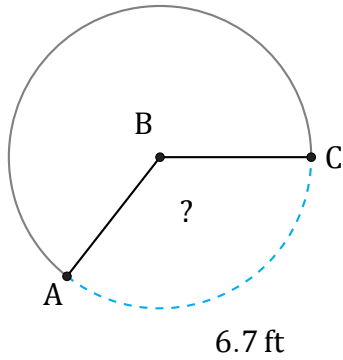
$$\angle RST = \frac{54.18}{194 \times \pi} \times 360 = 32^\circ$$

# Amplitud de Arcos (H)

Nombre: \_\_\_\_\_

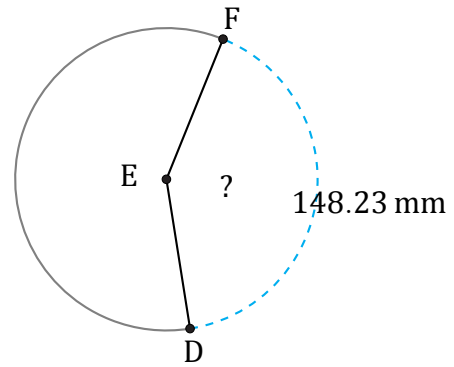
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



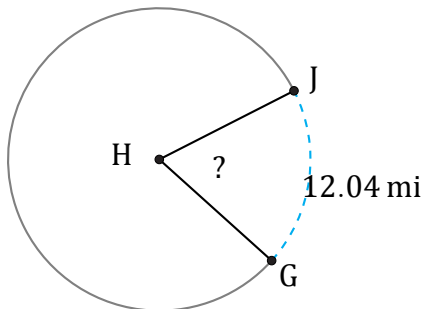
Diámetro =  $6 \text{ ft}$

$\angle ABC =$



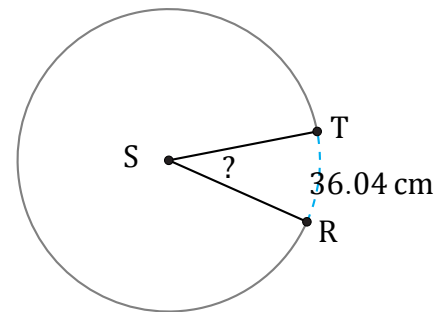
Radio =  $57 \text{ mm}$

$\angle DEF =$



Diámetro =  $20 \text{ mi}$

$\angle GHJ =$



Radio =  $59 \text{ cm}$

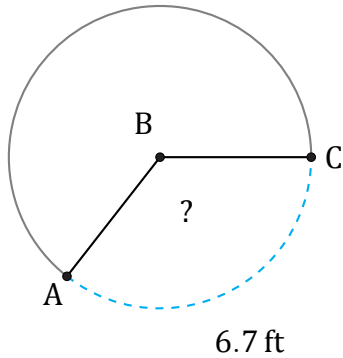
$\angle RST =$

# Amplitud de Arcos (H) Respuestas

Nombre: \_\_\_\_\_

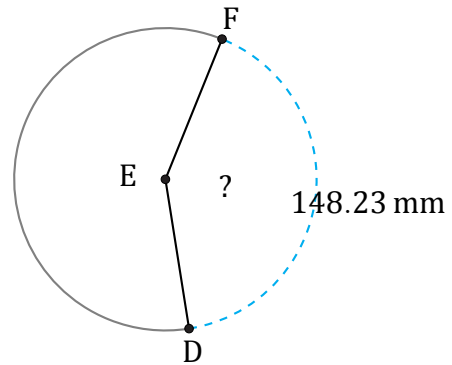
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



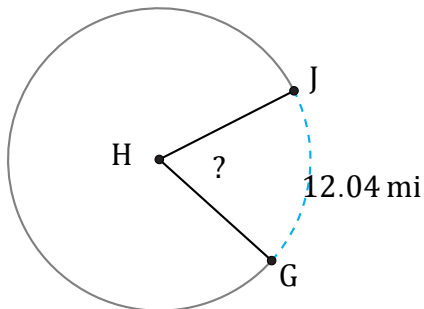
Diámetro = 6 ft

$$\angle ABC = \frac{6.7}{6 \times \pi} \times 360 = 128^\circ$$



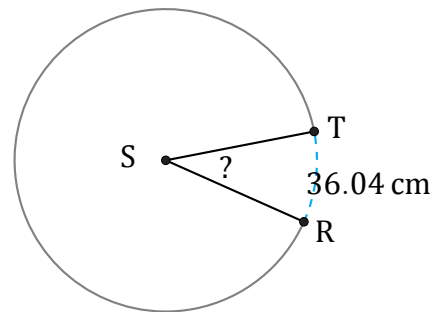
Radio = 57 mm

$$\angle DEF = \frac{148.23}{57 \times \pi \times 2} \times 360 = 149^\circ$$



Diámetro = 20 mi

$$\angle GHJ = \frac{12.04}{20 \times \pi} \times 360 = 69^\circ$$



Radio = 59 cm

$$\angle RST = \frac{36.04}{59 \times \pi \times 2} \times 360 = 35^\circ$$

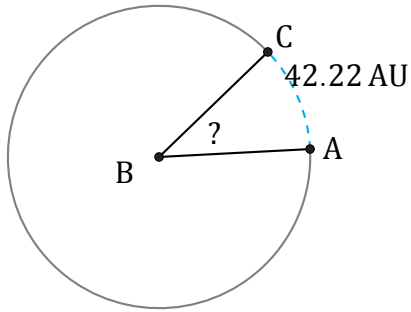


# Amplitud de Arcos (I)

Nombre: \_\_\_\_\_

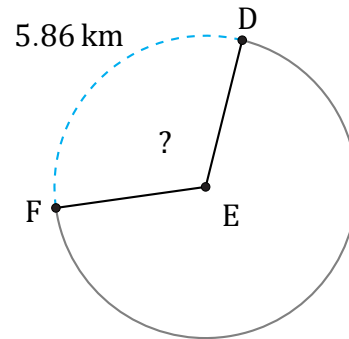
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



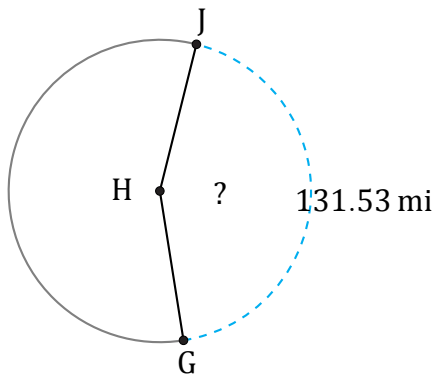
Diámetro = 118 AU

$\angle ABC =$



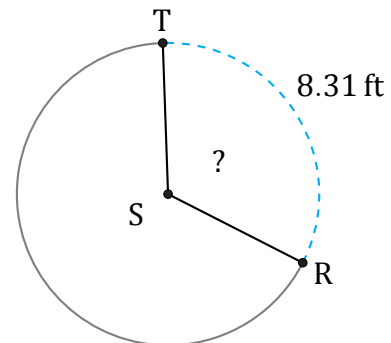
Diámetro = 6 km

$\angle DEF =$



Radio = 48 mi

$\angle GHJ =$



Radio = 4 ft

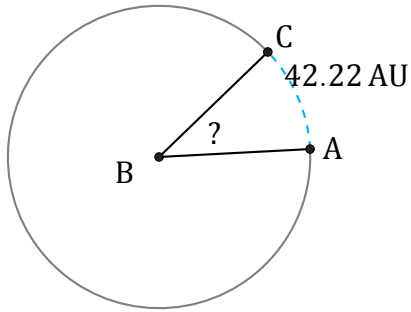
$\angle RST =$

# Amplitud de Arcos (I) Respuestas

Nombre: \_\_\_\_\_

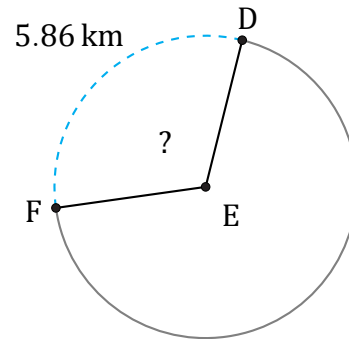
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



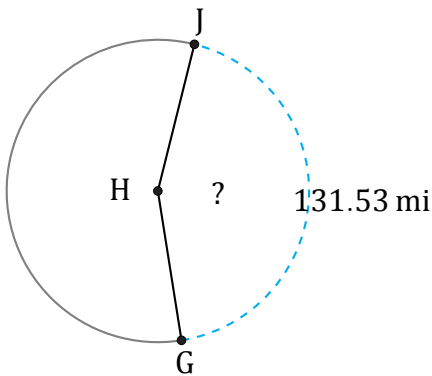
Diámetro = 118 AU

$$\angle ABC = \frac{42.22}{118 \times \pi} \times 360 = 41^\circ$$



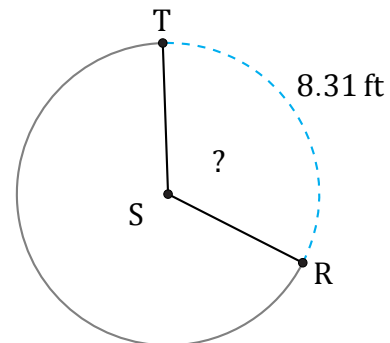
Diámetro = 6 km

$$\angle DEF = \frac{5.86}{6 \times \pi} \times 360 = 111.9^\circ$$



Radio = 48 mi

$$\angle GHJ = \frac{131.53}{48 \times \pi \times 2} \times 360 = 157^\circ$$



Radio = 4 ft

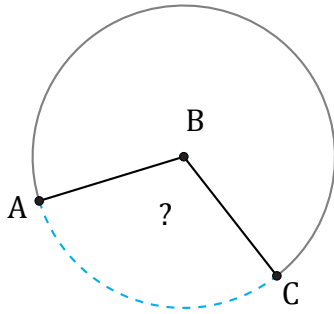
$$\angle RST = \frac{8.31}{4 \times \pi \times 2} \times 360 = 119^\circ$$

# Amplitud de Arcos (J)

Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_

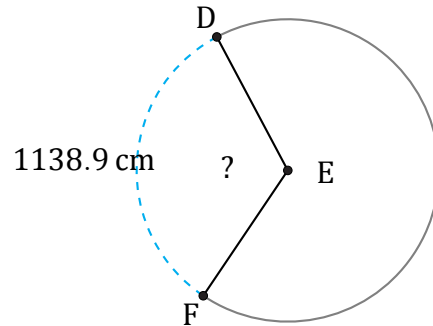
Calcule la amplitud angular de cada arco.



7.75 in

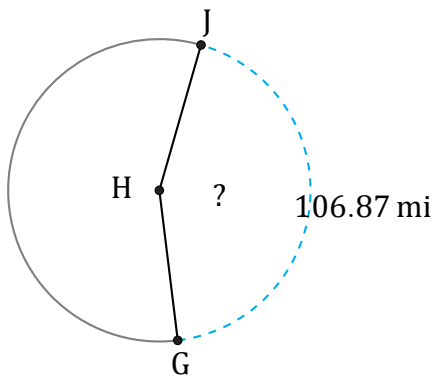
Diámetro = 8 in

$\angle ABC =$



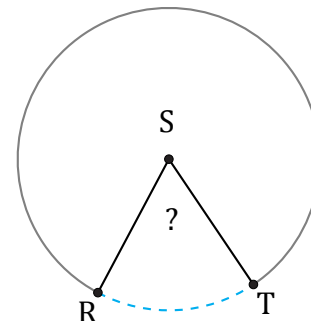
Radio = 553 cm

$\angle DEF =$



Diámetro = 78 mi

$\angle GHJ =$



Radio = 58 in

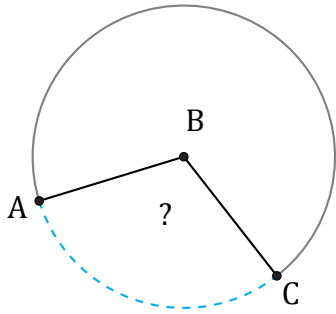
$\angle RST =$

# Amplitud de Arcos (J) Respuestas

Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_

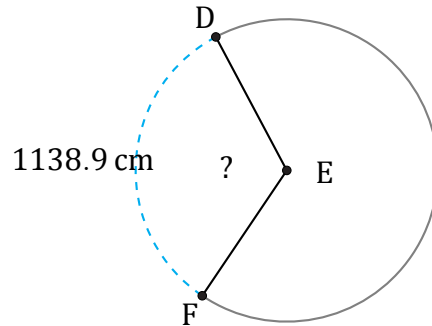
Calcule la amplitud angular de cada arco.



7.75 in

Diámetro = 8 in

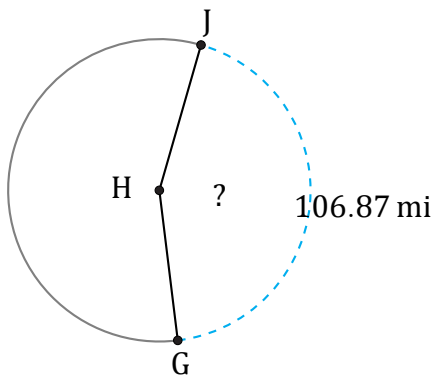
$$\angle ABC = \frac{7.75}{8 \times \pi} \times 360 = 111^\circ$$



1138.9 cm

Radio = 553 cm

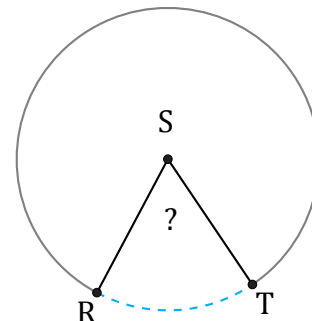
$$\angle DEF = \frac{1138.9}{553 \times \pi \times 2} \times 360 = 118^\circ$$



106.87 mi

Diámetro = 78 mi

$$\angle GHJ = \frac{106.87}{78 \times \pi} \times 360 = 157^\circ$$



62.76 in

Radio = 58 in

$$\angle RST = \frac{62.76}{58 \times \pi \times 2} \times 360 = 62^\circ$$