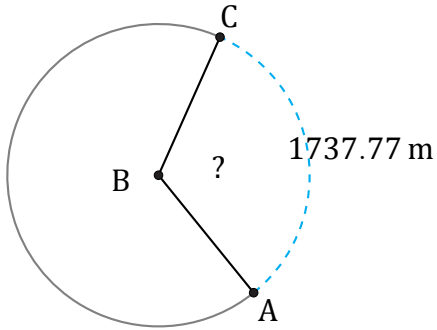


# Amplitud de Arcos (A)

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

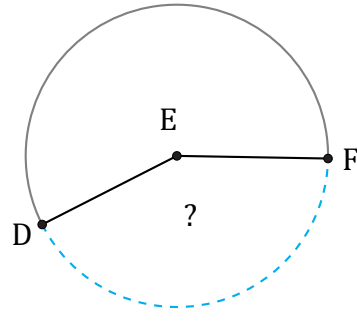
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



Diámetro = 1702 m

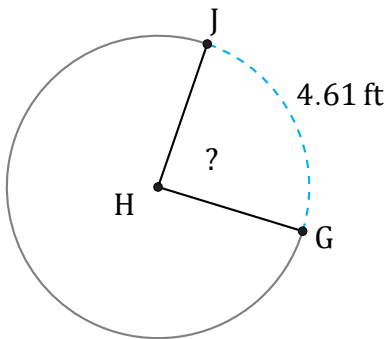
$\angle ABC =$



13.26 cm

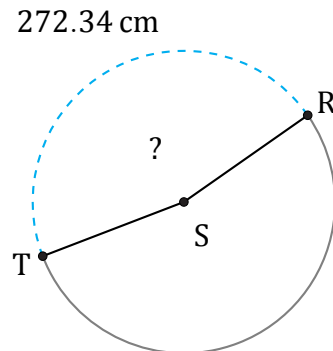
Radio = 5 cm

$\angle DEF =$



Radio = 3 ft

$\angle GHJ =$



Circunferencia = 590.62 cm

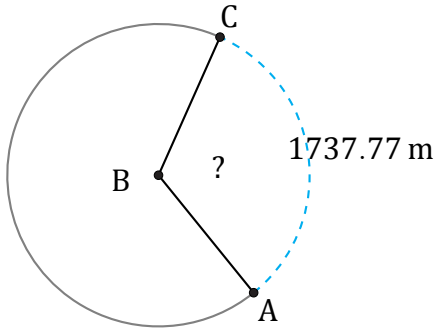
$\angle RST =$

# Amplitud de Arcos (A) Respuestas

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

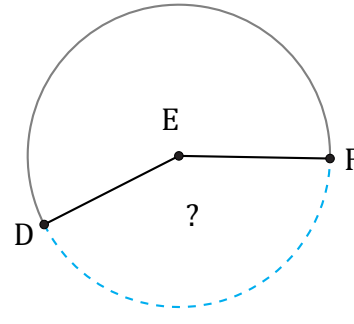
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



Diámetro = 1702 m

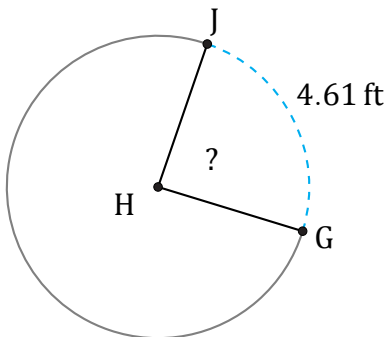
$$\angle ABC = \frac{1737.77}{1702 \times \pi} \times 360 = 117^\circ$$



13.26 cm

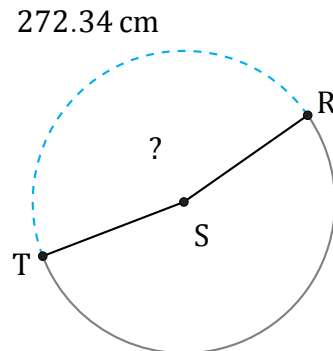
Radio = 5 cm

$$\angle DEF = \frac{13.26}{5 \times \pi \times 2} \times 360 = 151.9^\circ$$



Radio = 3 ft

$$\angle GHJ = \frac{4.61}{3 \times \pi \times 2} \times 360 = 88^\circ$$



Circunferencia = 590.62 cm

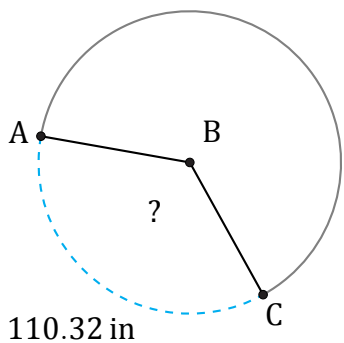
$$\angle RST = \frac{272.34}{590.62} \times 360 = 166^\circ$$

# Amplitud de Arcos (B)

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

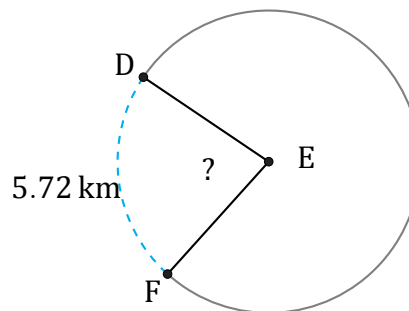
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



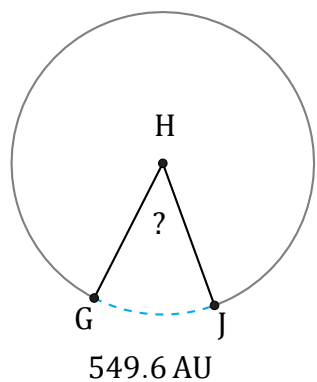
Circunferencia = 307.88 in

$\angle ABC =$



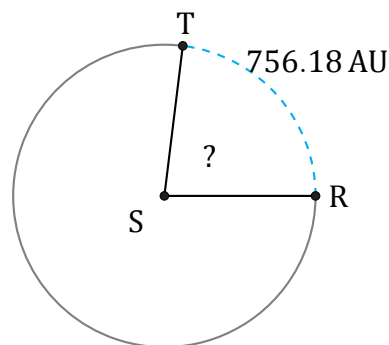
Radio = 4 km

$\angle DEF =$



Diámetro = 1340 AU

$\angle GHJ =$



Circunferencia = 3279.82 AU

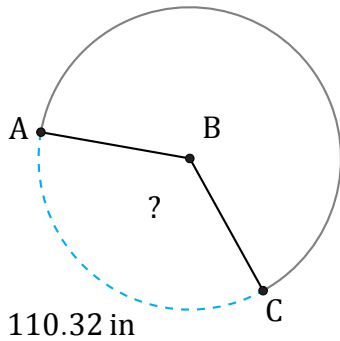
$\angle RST =$

# Amplitud de Arcos (B) Respuestas

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

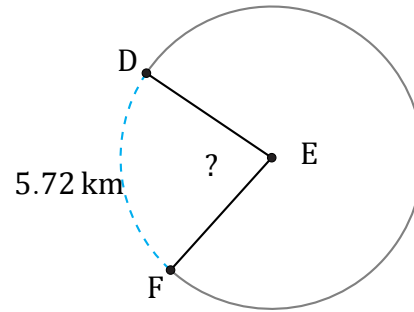
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



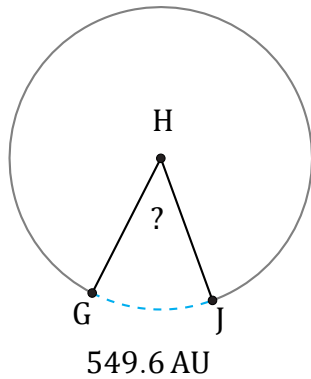
Circunferencia = 307.88 in

$$\angle ABC = \frac{110.32}{307.88} \times 360 = 129^\circ$$



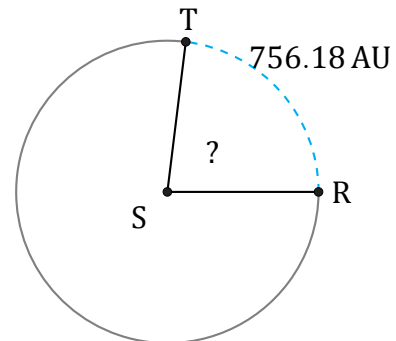
Radio = 4 km

$$\angle DEF = \frac{5.72}{4 \times \pi \times 2} \times 360 = 81.9^\circ$$



Diámetro = 1340 AU

$$\angle GHJ = \frac{549.6}{1340 \times \pi} \times 360 = 47^\circ$$



Circunferencia = 3279.82 AU

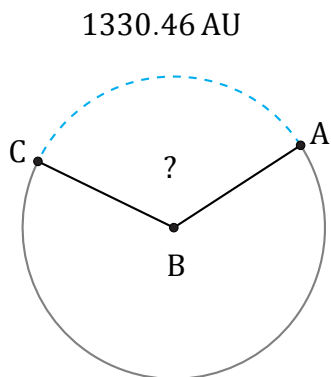
$$\angle RST = \frac{756.18}{3279.82} \times 360 = 83^\circ$$

# Amplitud de Arcos (C)

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

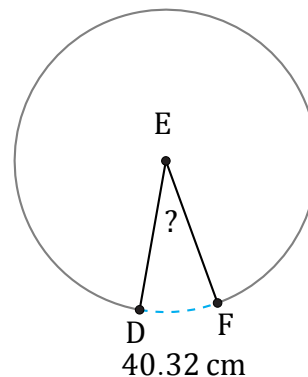
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



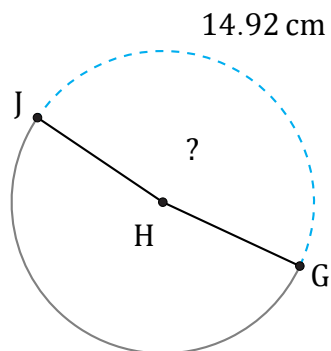
Radio = 630 AU

$\angle ABC =$



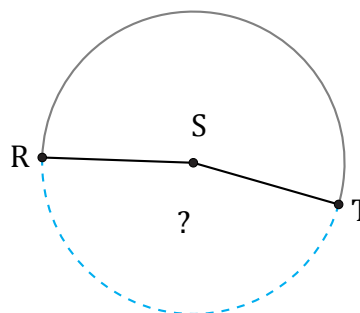
Diámetro = 154 cm

$\angle DEF =$



Diámetro = 10 cm

$\angle GHJ =$



8.69 in

Circunferencia = 18.85 in

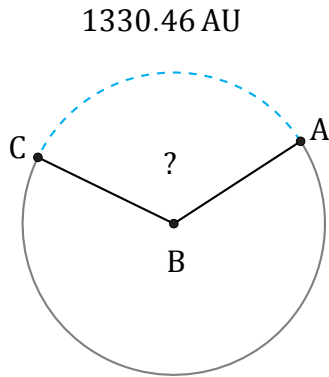
$\angle RST =$

# Amplitud de Arcos (C) Respuestas

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

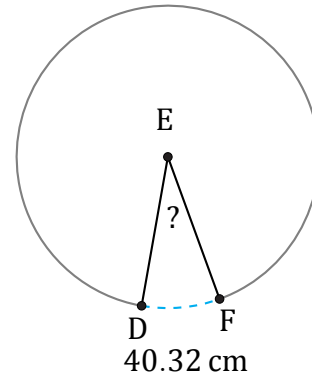
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



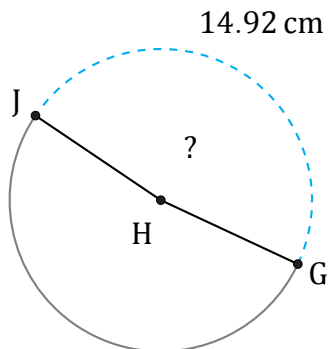
Radio = 630 AU

$$\angle ABC = \frac{1330.46}{630 \times \pi \times 2} \times 360 = 121^\circ$$



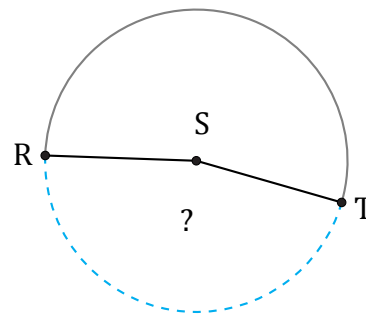
Diámetro = 154 cm

$$\angle DEF = \frac{40.32}{154 \times \pi} \times 360 = 30^\circ$$



Diámetro = 10 cm

$$\angle GHJ = \frac{14.92}{10 \times \pi} \times 360 = 171^\circ$$



8.69 in

Circunferencia = 18.85 in

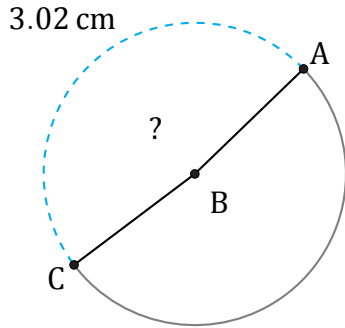
$$\angle RST = \frac{8.69}{18.85} \times 360 = 166^\circ$$

# Amplitud de Arcos (D)

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

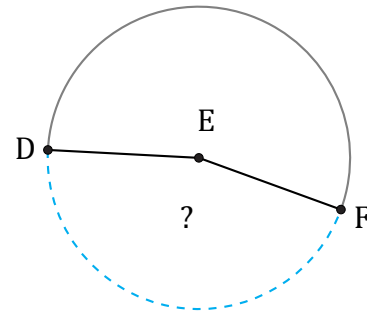
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



Circunferencia =  $6.28\text{ cm}$

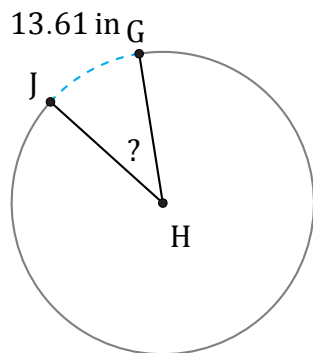
$\angle ABC =$



$697\text{ in}$

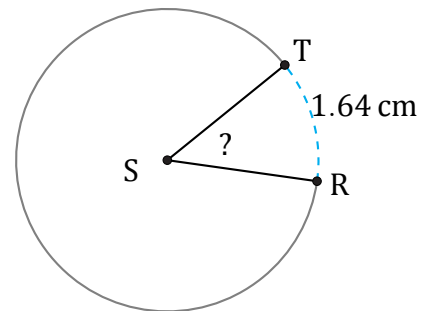
Diámetro =  $490\text{ in}$

$\angle DEF =$



Diámetro =  $40\text{ in}$

$\angle GHJ =$



Radio =  $2\text{ cm}$

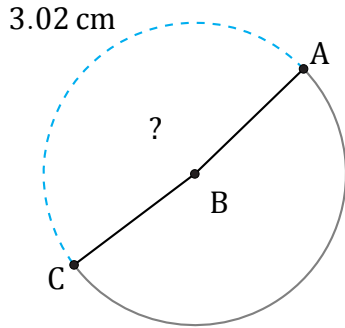
$\angle RST =$

# Amplitud de Arcos (D) Respuestas

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

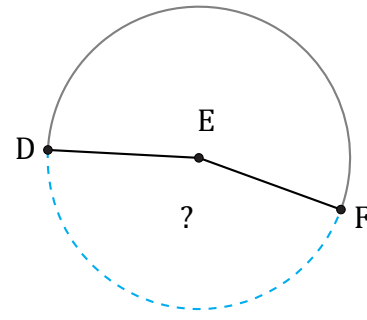
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



Circunferencia = 6.28 cm

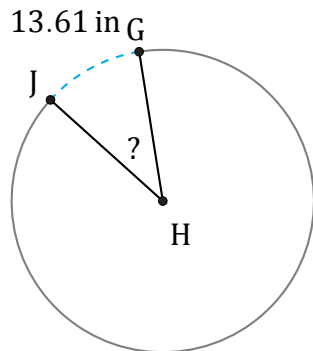
$$\angle ABC = \frac{3.02}{6.28} \times 360 = 173.1^\circ$$



697 in

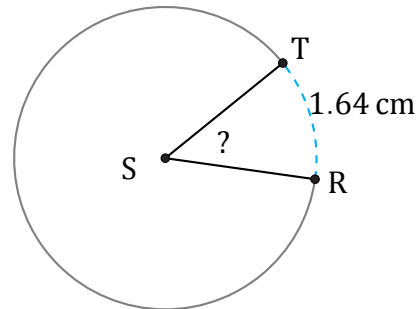
Diámetro = 490 in

$$\angle DEF = \frac{697}{490 \times \pi} \times 360 = 163^\circ$$



Diámetro = 40 in

$$\angle GHJ = \frac{13.61}{40 \times \pi} \times 360 = 39^\circ$$



Radio = 2 cm

$$\angle RST = \frac{1.64}{2 \times \pi \times 2} \times 360 = 47^\circ$$

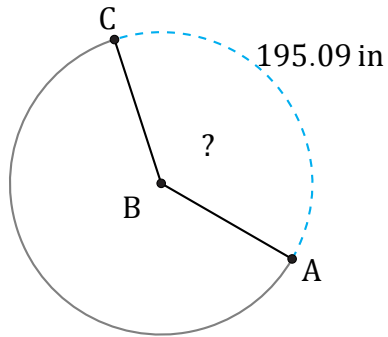


# Amplitud de Arcos (E)

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

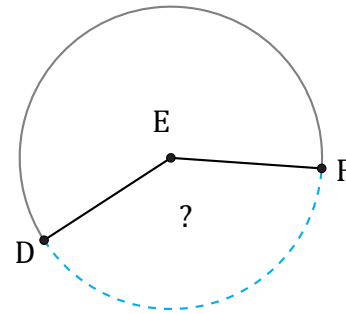
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



Radio = 81 in

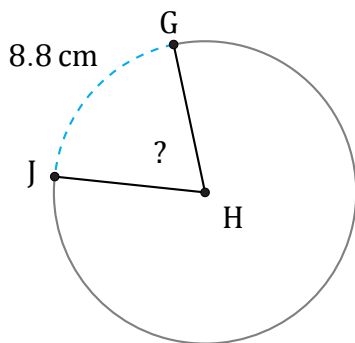
$\angle ABC =$



741.26 mm

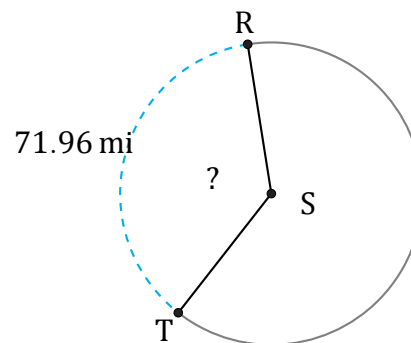
Diámetro = 594 mm

$\angle DEF =$



Radio = 7 cm

$\angle GHJ =$



Circunferencia = 194.78 mi

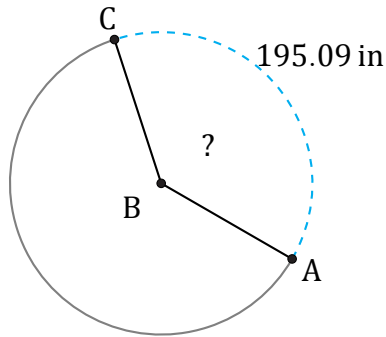
$\angle RST =$

# Amplitud de Arcos (E) Respuestas

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

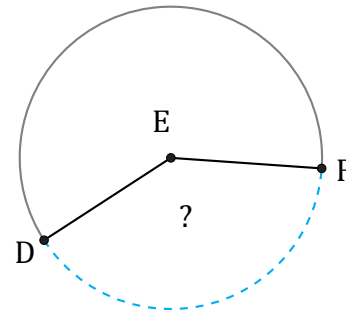
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



Radio = 81 in

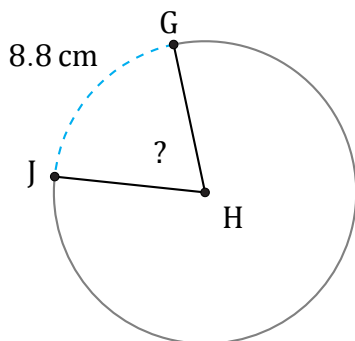
$$\angle ABC = \frac{195.09}{81 \times \pi \times 2} \times 360 = 138^\circ$$



741.26 mm

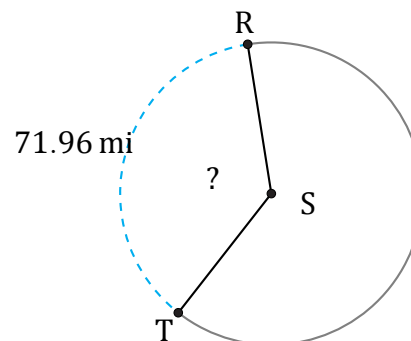
Diámetro = 594 mm

$$\angle DEF = \frac{741.26}{594 \times \pi} \times 360 = 143^\circ$$



Radio = 7 cm

$$\angle GHJ = \frac{8.8}{7 \times \pi \times 2} \times 360 = 72^\circ$$



Circunferencia = 194.78 mi

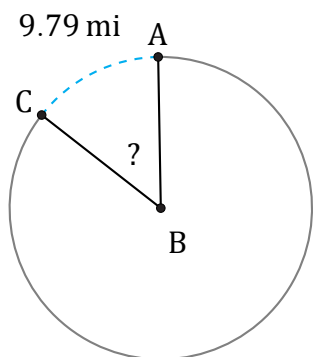
$$\angle RST = \frac{71.96}{194.78} \times 360 = 133^\circ$$

# Amplitud de Arcos (F)

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

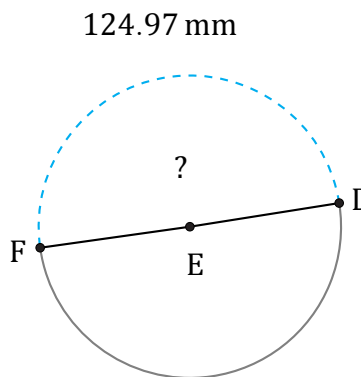
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



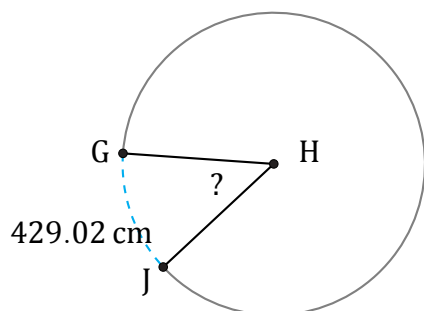
Diámetro = 22 mi

$\angle ABC =$



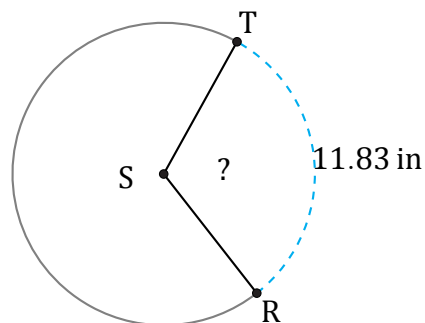
Radio = 40 mm

$\angle DEF =$



Radio = 523 cm

$\angle GHJ =$



Circunferencia = 37.7 in

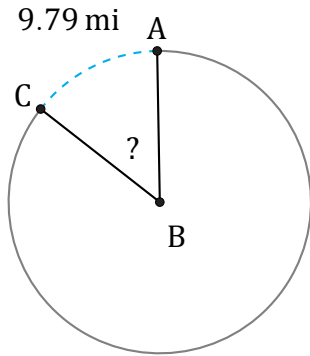
$\angle RST =$

# Amplitud de Arcos (F) Respuestas

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

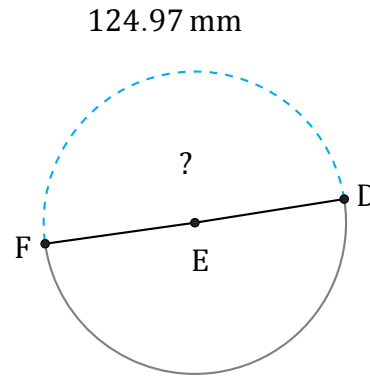
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



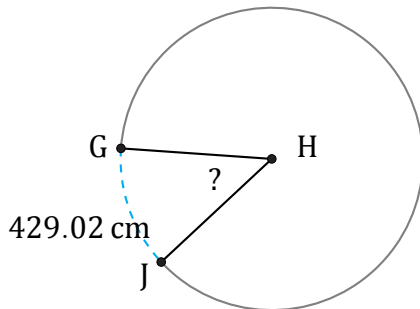
Diámetro = 22 mi

$$\angle ABC = \frac{9.79}{22 \times \pi} \times 360 = 51^\circ$$



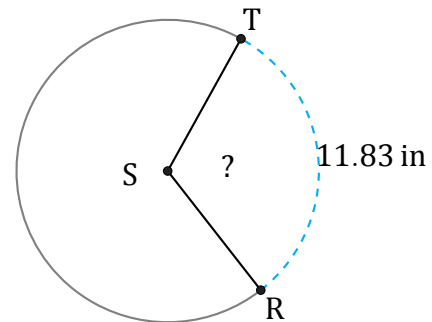
Radio = 40 mm

$$\angle DEF = \frac{124.97}{40 \times \pi \times 2} \times 360 = 179^\circ$$



Radio = 523 cm

$$\angle GHJ = \frac{429.02}{523 \times \pi \times 2} \times 360 = 47^\circ$$



Circunferencia = 37.7 in

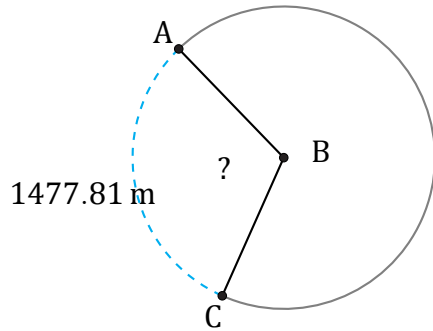
$$\angle RST = \frac{11.83}{37.7} \times 360 = 113^\circ$$

# Amplitud de Arcos (G)

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

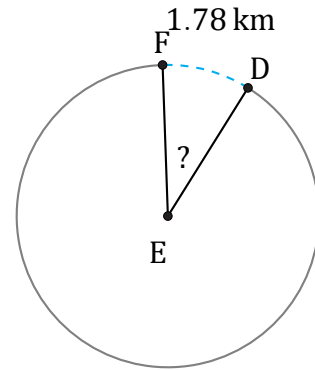
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



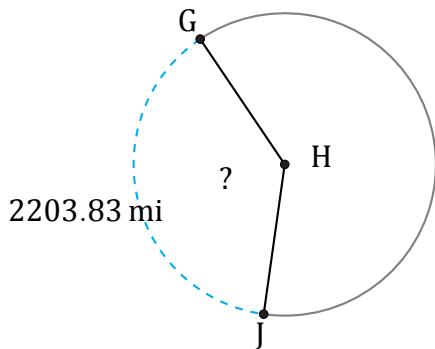
Circunferencia = 4750.09 m

$\angle ABC =$



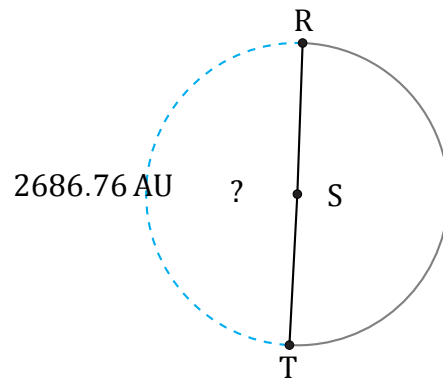
Circunferencia = 18.85 km

$\angle DEF =$



Radio = 915 mi

$\angle GHJ =$



Diámetro = 1720 AU

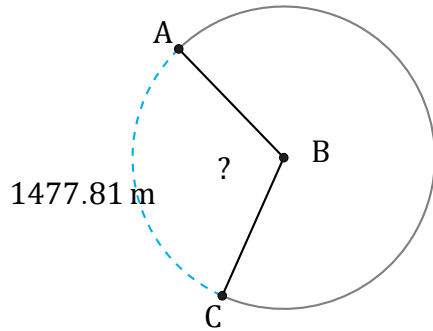
$\angle RST =$

# Amplitud de Arcos (G) Respuestas

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

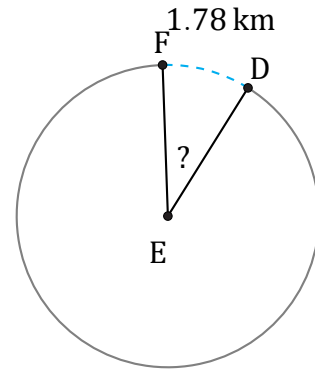
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



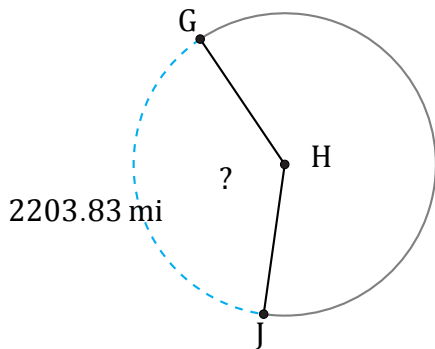
Circunferencia = 4750.09 m

$$\angle ABC = \frac{1477.81}{4750.09} \times 360 = 112^\circ$$



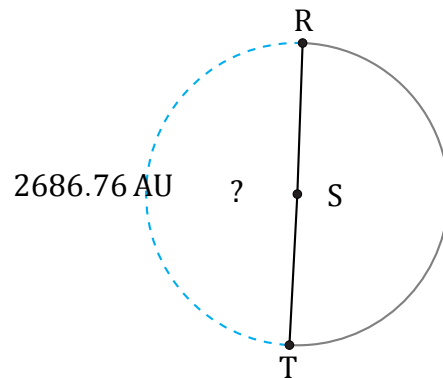
Circunferencia = 18.85 km

$$\angle DEF = \frac{1.78}{18.85} \times 360 = 34^\circ$$



Radio = 915 mi

$$\angle GHJ = \frac{2203.83}{915 \times \pi \times 2} \times 360 = 138^\circ$$



Diámetro = 1720 AU

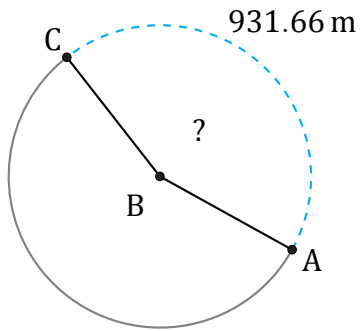
$$\angle RST = \frac{2686.76}{1720 \times \pi} \times 360 = 179^\circ$$

# Amplitud de Arcos (H)

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

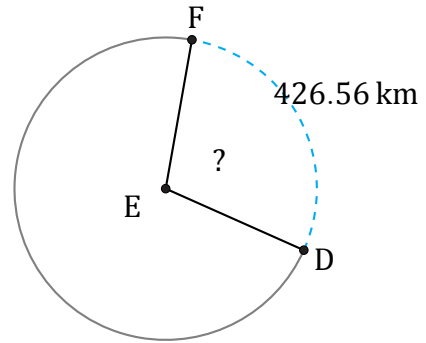
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



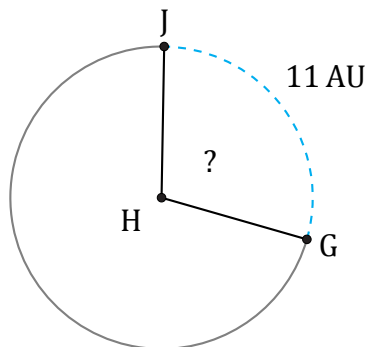
Diámetro = 680 m

$\angle ABC =$



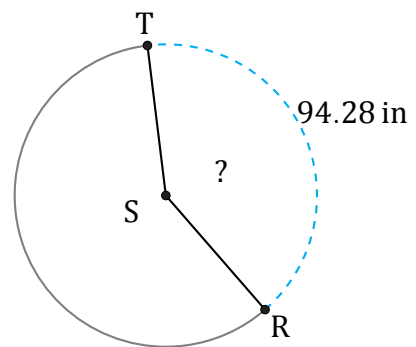
Circunferencia = 1476.55 km

$\angle DEF =$



Diámetro = 12 AU

$\angle GHJ =$



Radio = 37 in

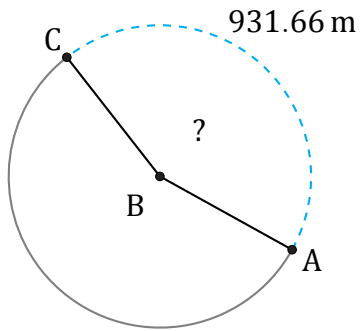
$\angle RST =$

# Amplitud de Arcos (H) Respuestas

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

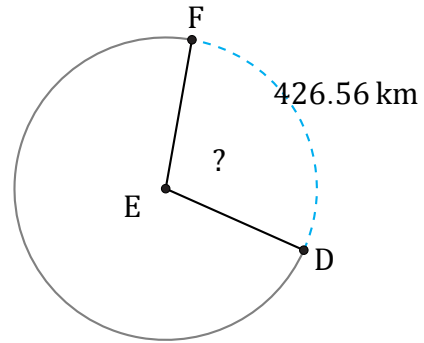
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



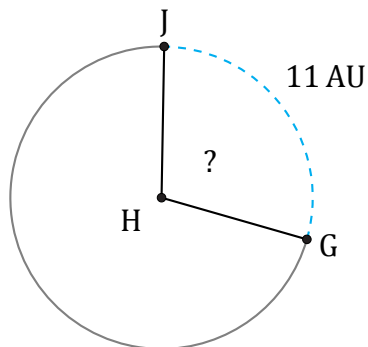
Diámetro = 680 m

$$\angle ABC = \frac{931.66}{680 \times \pi} \times 360 = 157^\circ$$



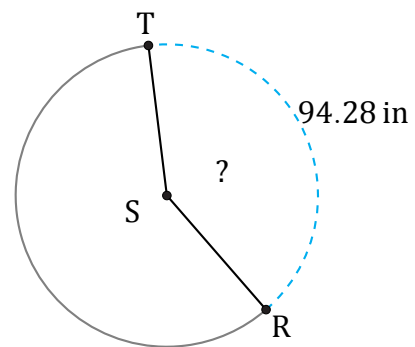
Circunferencia = 1476.55 km

$$\angle DEF = \frac{426.56}{1476.55} \times 360 = 104^\circ$$



Diámetro = 12 AU

$$\angle GHJ = \frac{11}{12 \times \pi} \times 360 = 105^\circ$$



Radio = 37 in

$$\angle RST = \frac{94.28}{37 \times \pi \times 2} \times 360 = 146^\circ$$

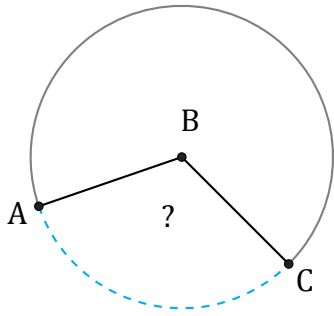


# Amplitud de Arcos (I)

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

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

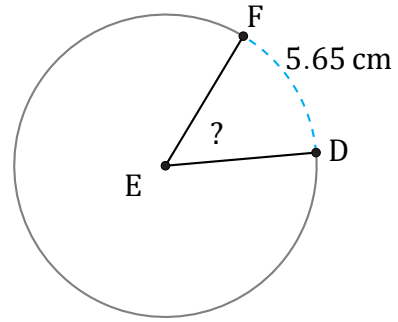
Calcule la amplitud angular de cada arco.



188.29 ft

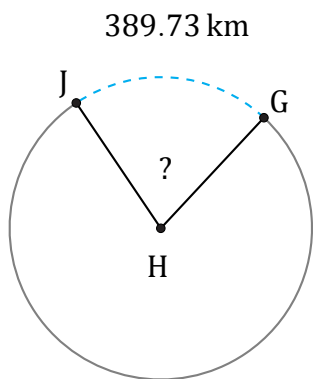
Circunferencia = 584.34 ft

$\angle ABC =$



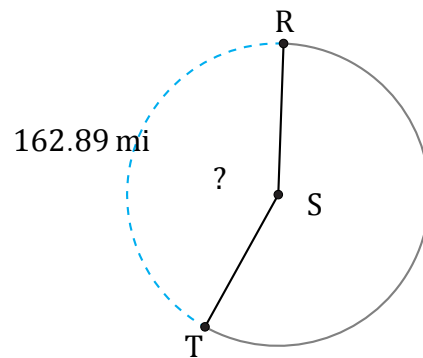
Diámetro = 12 cm

$\angle DEF =$



Radio = 290 km

$\angle GHJ =$



Circunferencia = 383.27 mi

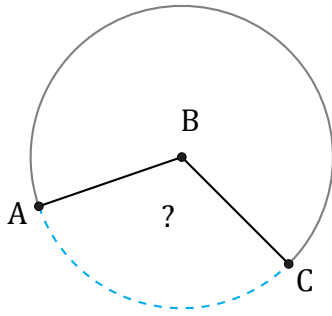
$\angle RST =$

# Amplitud de Arcos (I) Respuestas

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

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

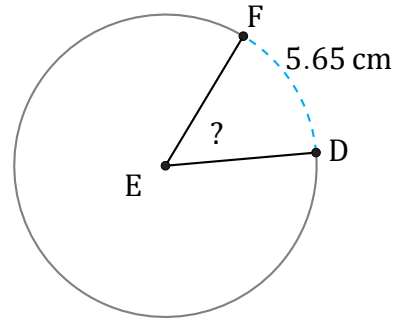
Calcule la amplitud angular de cada arco.



188.29 ft

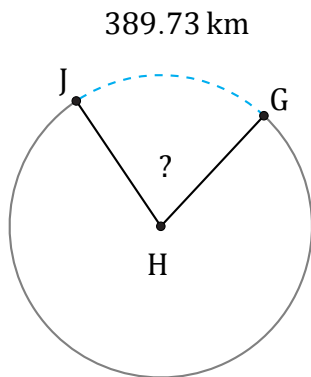
Circunferencia = 584.34 ft

$$\angle ABC = \frac{188.29}{584.34} \times 360 = 116^\circ$$



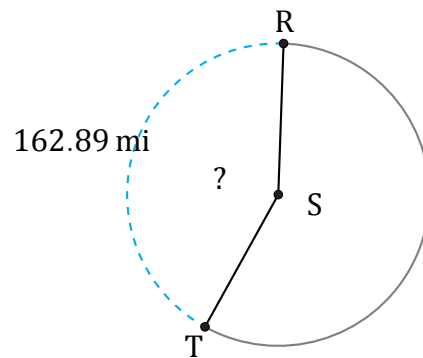
Diámetro = 12 cm

$$\angle DEF = \frac{5.65}{12 \times \pi} \times 360 = 54^\circ$$



Radio = 290 km

$$\angle GHJ = \frac{389.73}{290 \times \pi \times 2} \times 360 = 77^\circ$$



Circunferencia = 383.27 mi

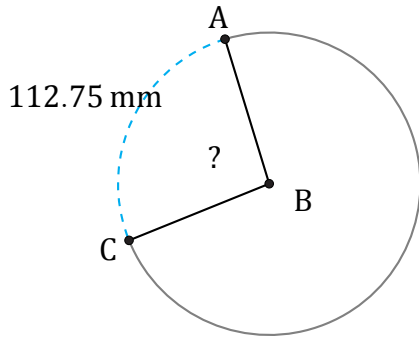
$$\angle RST = \frac{162.89}{383.27} \times 360 = 153^\circ$$

# Amplitud de Arcos (J)

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

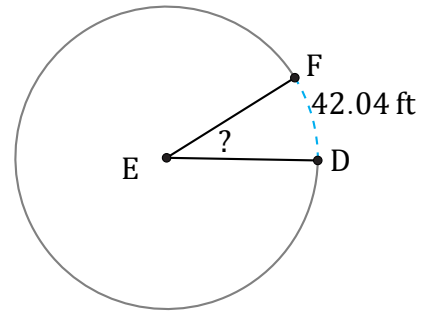
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



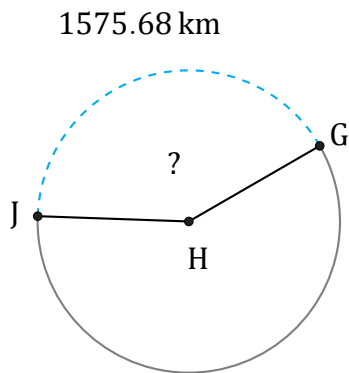
Radio = 68 mm

$\angle ABC =$



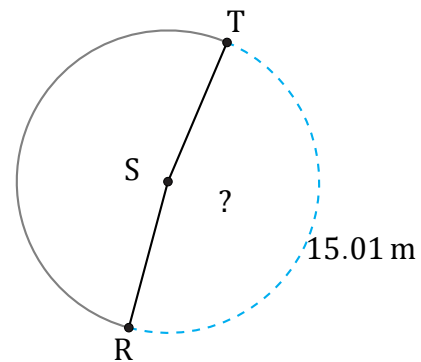
Radio = 73 ft

$\angle DEF =$



Diámetro = 1220 km

$\angle GHJ =$



Circunferencia = 31.42 m

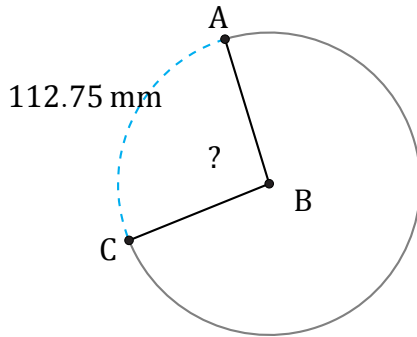
$\angle RST =$

# Amplitud de Arcos (J) Respuestas

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

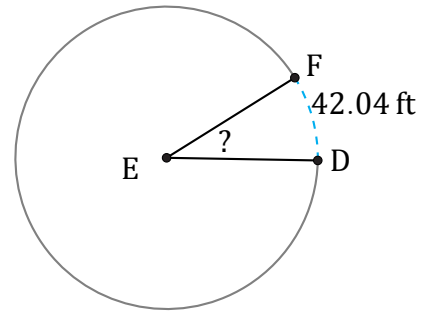
Fecha: \_\_\_\_\_

Calcule la amplitud angular de cada arco.



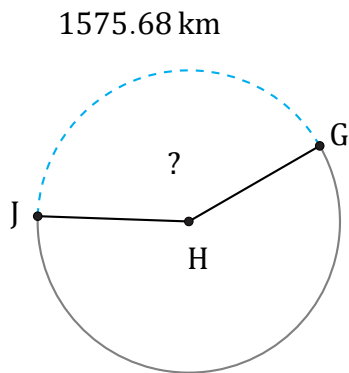
Radio = 68 mm

$$\angle ABC = \frac{112.75}{68 \times \pi \times 2} \times 360 = 95^\circ$$



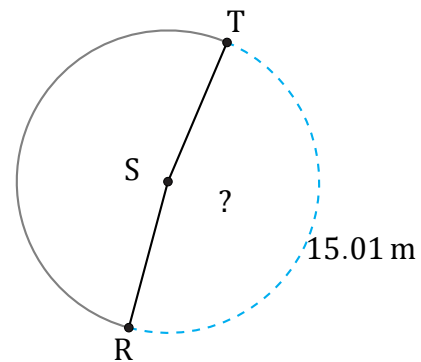
Radio = 73 ft

$$\angle DEF = \frac{42.04}{73 \times \pi \times 2} \times 360 = 33^\circ$$



Diámetro = 1220 km

$$\angle GHJ = \frac{1575.68}{1220 \times \pi} \times 360 = 148^\circ$$



Circunferencia = 31.42 m

$$\angle RST = \frac{15.01}{31.42} \times 360 = 172^\circ$$