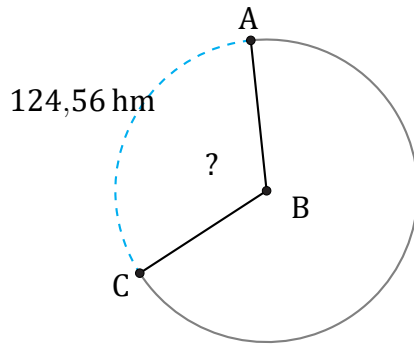


Angles et Longueurs d'un Arc de Cercle (A)

Nom: _____

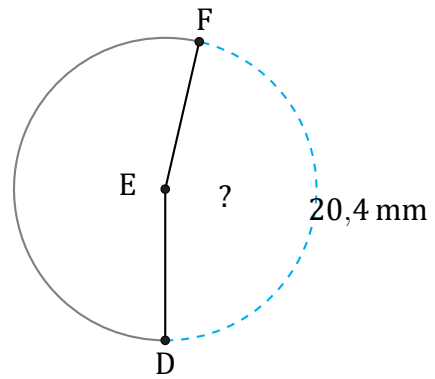
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



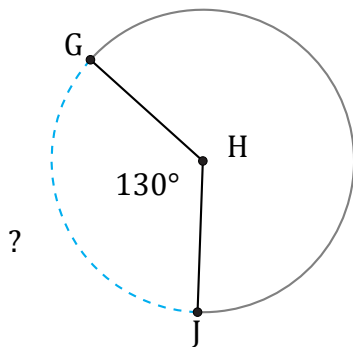
Rayon = 61 hm

$\angle ABC =$



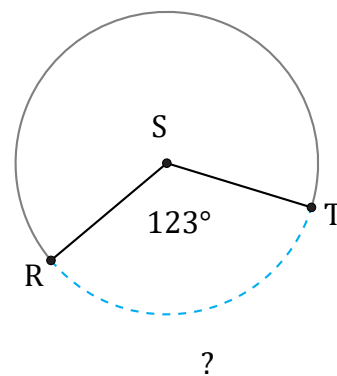
Rayon = 7 mm

$\angle DEF =$



Rayon = 6 mm

$\widehat{GJ} =$



Rayon = 9 hm

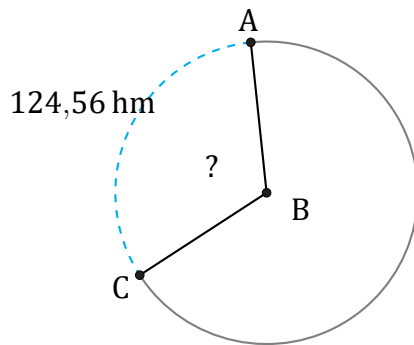
$\widehat{RT} =$

Angles et Longueurs d'un Arc de Cercle (A) Réponses

Nom: _____

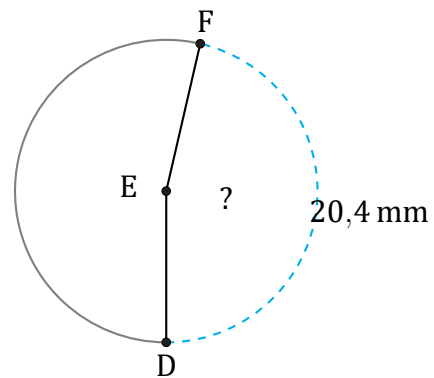
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



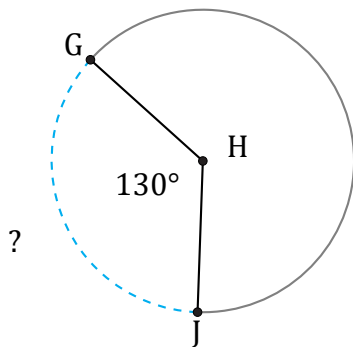
Rayon = 61 hm

$$\angle ABC = \frac{124,56}{61 \times \pi \times 2} \times 360 = 117^\circ$$



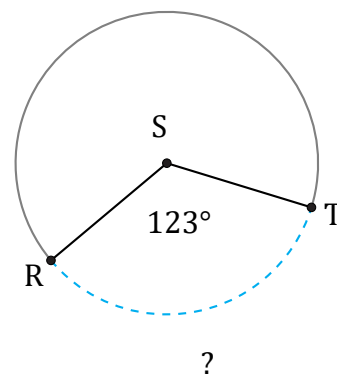
Rayon = 7 mm

$$\angle DEF = \frac{20,4}{7 \times \pi \times 2} \times 360 = 167^\circ$$



Rayon = 6 mm

$$\widehat{GJ} = \frac{130}{360} \times \pi \times 6 \times 2 = 13,61 \text{ mm}$$



Rayon = 9 mm

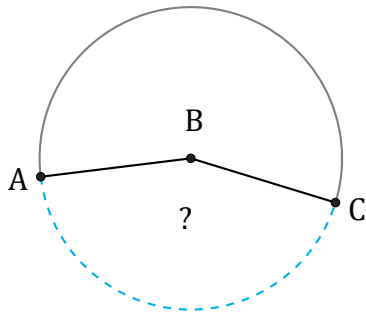
$$\widehat{RT} = \frac{123}{360} \times \pi \times 9 \times 2 = 19,32 \text{ mm}$$

Angles et Longueurs d'un Arc de Cercle (B)

Nom: _____

Date: _____

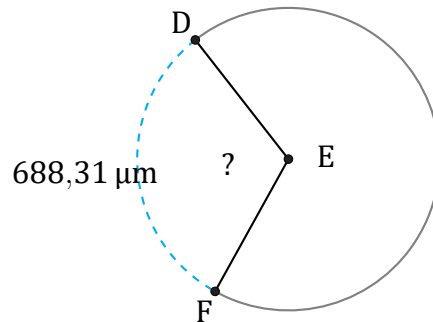
Calculez la longueur de l'arc de cercle et la mesure de l'angle.



250,49 po

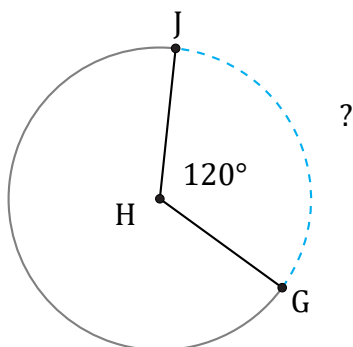
Rayon = 92 po

$\angle ABC =$



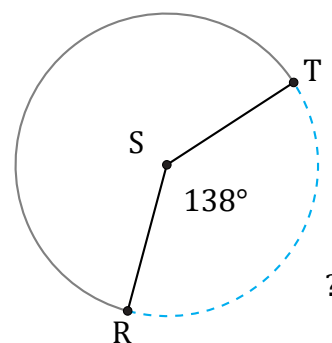
Rayon = 349 µm

$\angle DEF =$



Rayon = 121 dm

$\widehat{GJ} =$



Rayon = 699 hm

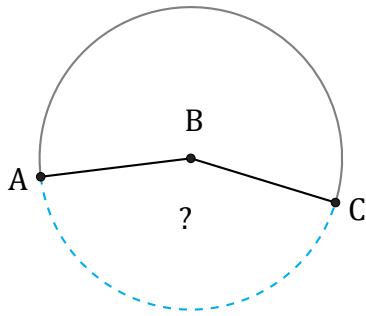
$\widehat{RT} =$

Angles et Longueurs d'un Arc de Cercle (B) Réponses

Nom: _____

Date: _____

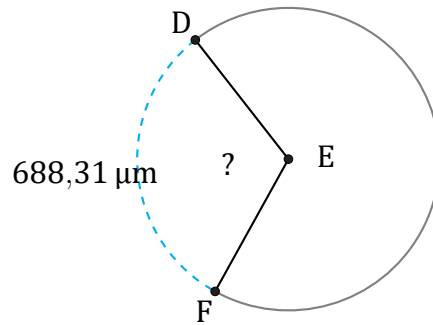
Calculez la longueur de l'arc de cercle et la mesure de l'angle.



250,49 po

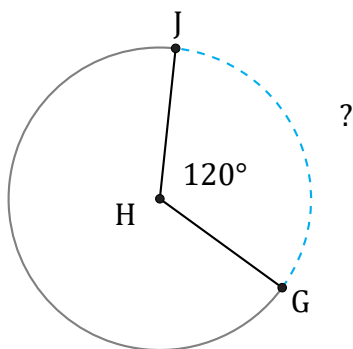
Rayon = 92 po

$$\angle ABC = \frac{250,49}{92 \times \pi \times 2} \times 360 = 156^\circ$$



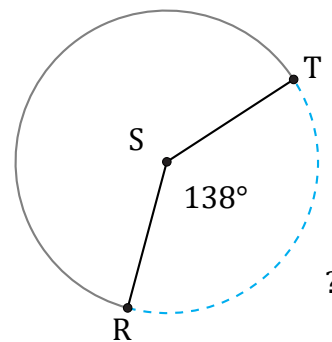
Rayon = 349 µm

$$\angle DEF = \frac{688,31}{349 \times \pi \times 2} \times 360 = 113^\circ$$



Rayon = 121 dm

$$\widehat{GJ} = \frac{120}{360} \times \pi \times 121 \times 2 = 253,42 \text{ dm}$$



Rayon = 699 hm

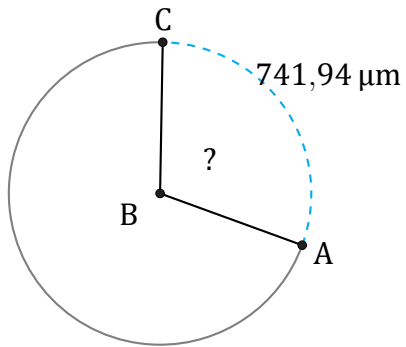
$$\widehat{RT} = \frac{138}{360} \times \pi \times 699 \times 2 = 1683,58 \text{ hm}$$

Angles et Longueurs d'un Arc de Cercle (C)

Nom: _____

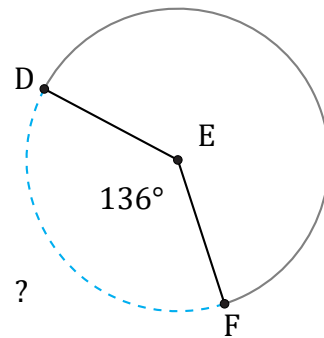
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



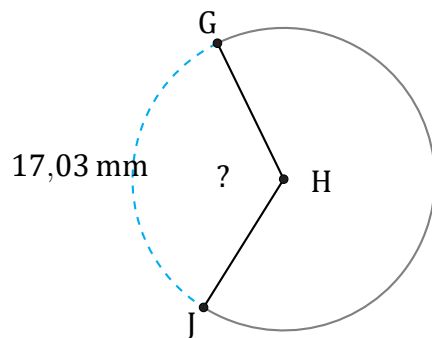
Rayon = 390 μm

$\angle ABC =$



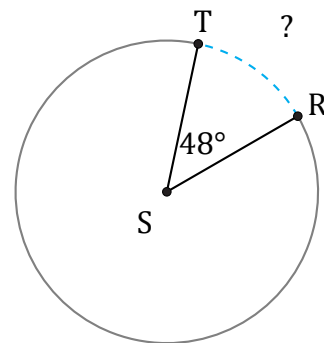
Rayon = 74 km

$\widehat{DF} =$



Rayon = 8 mm

$\angle GHJ =$



Rayon = 207 hm

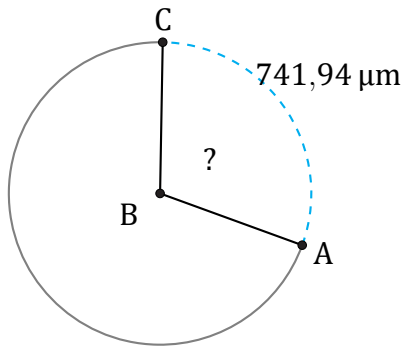
$\widehat{RT} =$

Angles et Longueurs d'un Arc de Cercle (C) Réponses

Nom: _____

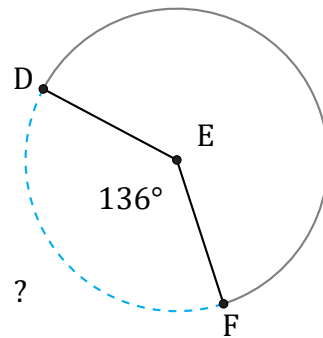
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



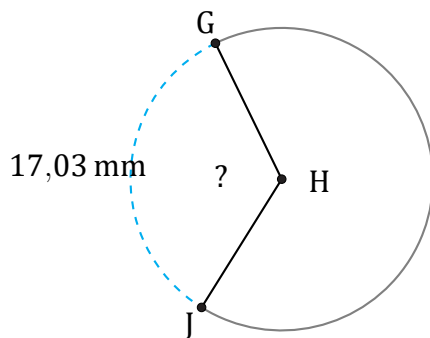
Rayon = 390 μm

$$\angle ABC = \frac{741,94}{390 \times \pi \times 2} \times 360 = 109^\circ$$



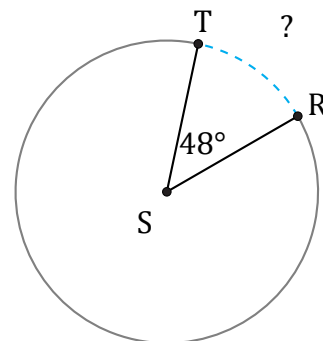
Rayon = 74 km

$$\widehat{DF} = \frac{136}{360} \times \pi \times 74 \times 2 = 175,65 \text{ km}$$



Rayon = 8 mm

$$\angle GHJ = \frac{17,03}{8 \times \pi \times 2} \times 360 = 122^\circ$$



Rayon = 207 hm

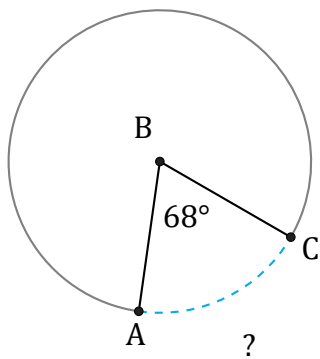
$$\widehat{RT} = \frac{48}{360} \times \pi \times 207 \times 2 = 173,42 \text{ hm}$$

Angles et Longueurs d'un Arc de Cercle (D)

Nom: _____

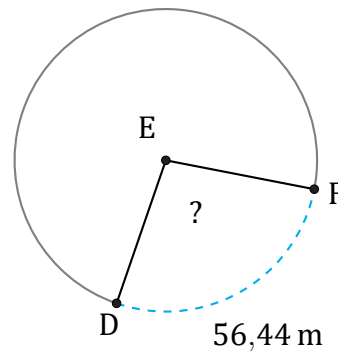
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



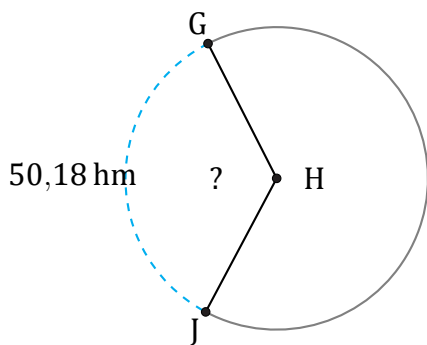
Rayon = 470 mm

$\widehat{AC} =$



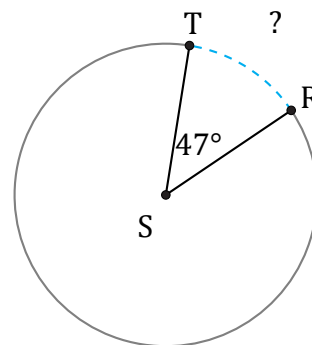
Rayon = 33 m

$\angle DEF =$



Rayon = 23 hm

$\angle GHJ =$



Rayon = 3 mm

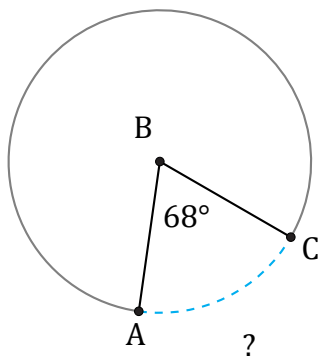
$\widehat{RT} =$

Angles et Longueurs d'un Arc de Cercle (D) Réponses

Nom: _____

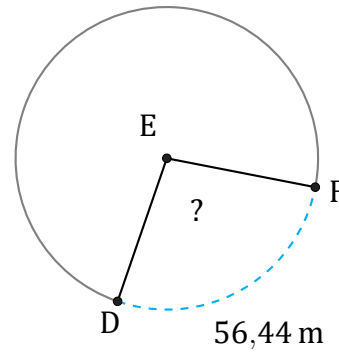
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



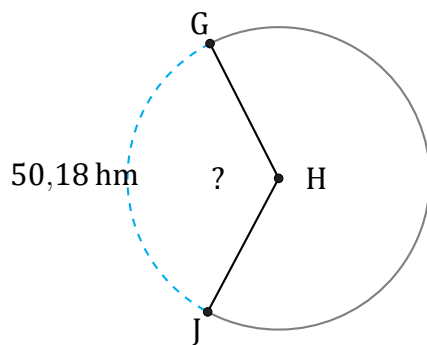
Rayon = 470 mm

$$\widehat{AC} = \frac{68}{360} \times \pi \times 470 \times 2 = 557,81 \text{ mm}$$



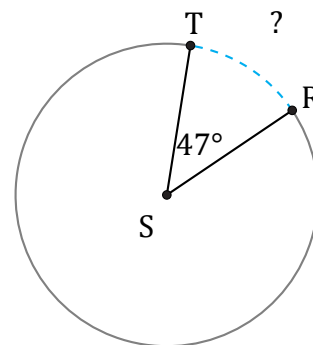
Rayon = 33 m

$$\angle DEF = \frac{56,44}{33 \times \pi \times 2} \times 360 = 98^\circ$$



Rayon = 23 hm

$$\angle GHJ = \frac{50,18}{23 \times \pi \times 2} \times 360 = 125^\circ$$



Rayon = 3 mm

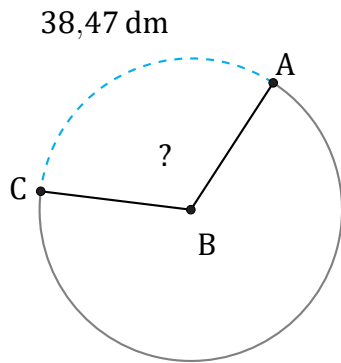
$$\widehat{RT} = \frac{47}{360} \times \pi \times 3 \times 2 = 2,46 \text{ mm}$$

Angles et Longueurs d'un Arc de Cercle (E)

Nom: _____

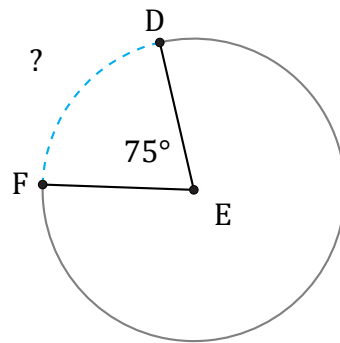
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



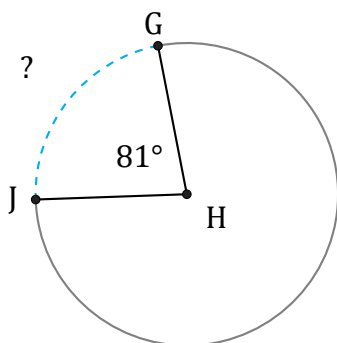
Rayon = 19 dm

$\angle ABC =$



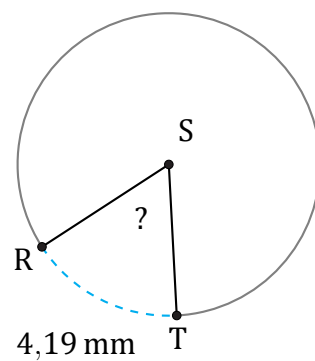
Rayon = 606 km

$\widehat{DF} =$



Rayon = 17 po

$\widehat{GJ} =$



Rayon = 4 mm

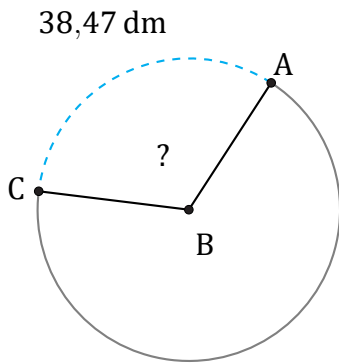
$\angle RST =$

Angles et Longueurs d'un Arc de Cercle (E) Réponses

Nom: _____

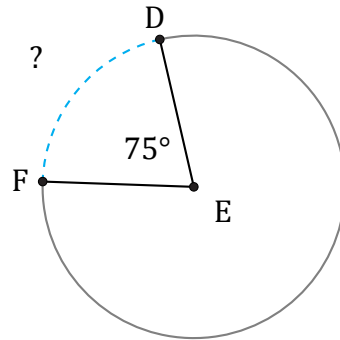
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



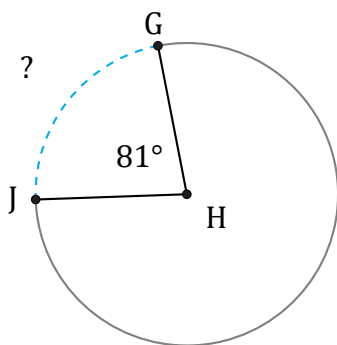
Rayon = 19 dm

$$\angle ABC = \frac{38,47}{19 \times \pi \times 2} \times 360 = 116^\circ$$



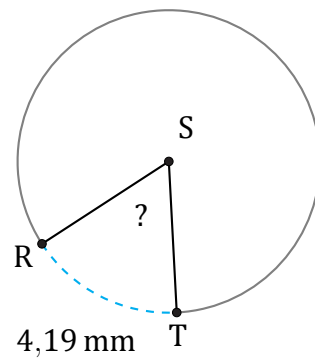
Rayon = 606 km

$$\widehat{DF} = \frac{75}{360} \times \pi \times 606 \times 2 = 793,25 \text{ km}$$



Rayon = 17 po

$$\widehat{GJ} = \frac{81}{360} \times \pi \times 17 \times 2 = 24,03 \text{ po}$$



Rayon = 4 mm

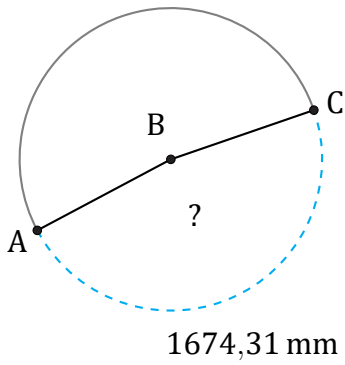
$$\angle RST = \frac{4,19}{4 \times \pi \times 2} \times 360 = 60^\circ$$

Angles et Longueurs d'un Arc de Cercle (F)

Nom: _____

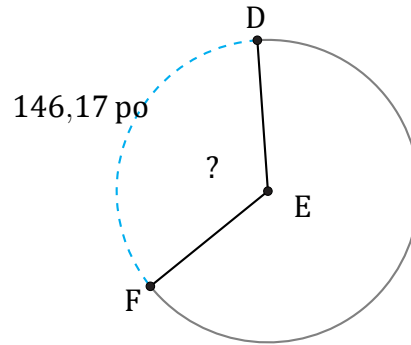
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



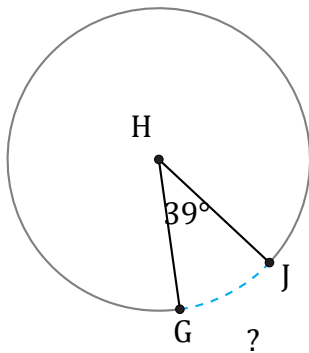
Rayon = 561 mm

$\angle ABC =$



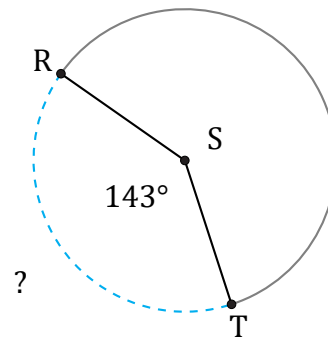
Rayon = 67 po

$\angle DEF =$



Rayon = 75 cm

$\widehat{GJ} =$



Rayon = 7 μ m

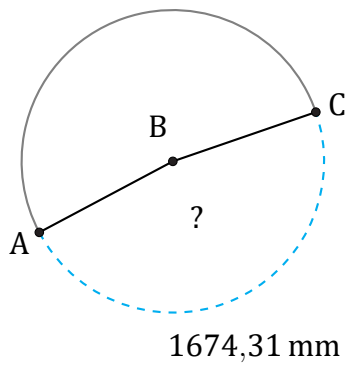
$\widehat{RT} =$

Angles et Longueurs d'un Arc de Cercle (F) Réponses

Nom: _____

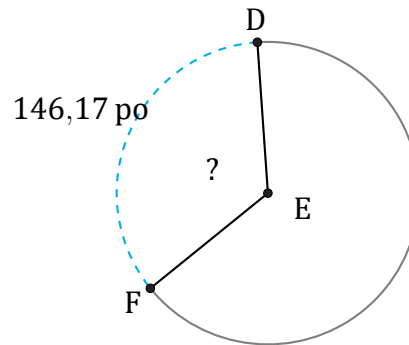
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



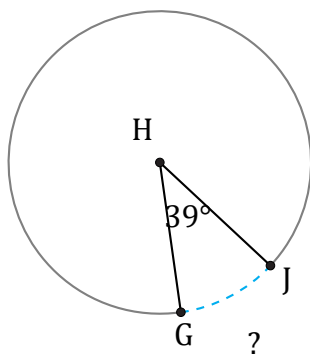
Rayon = 561 mm

$$\angle ABC = \frac{1674,31}{561 \times \pi \times 2} \times 360 = 171^\circ$$



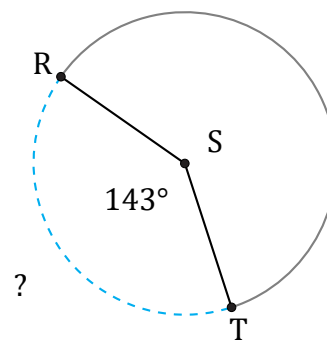
Rayon = 67 po

$$\angle DEF = \frac{146,17}{67 \times \pi \times 2} \times 360 = 125^\circ$$



Rayon = 75 cm

$$\widehat{GJ} = \frac{39}{360} \times \pi \times 75 \times 2 = 51,05 \text{ cm}$$



Rayon = 7 μm

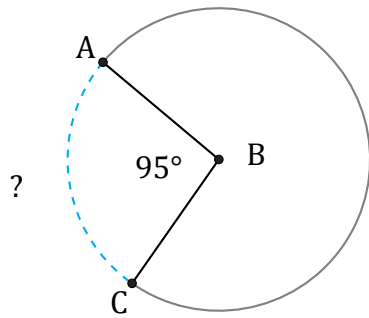
$$\widehat{RT} = \frac{143}{360} \times \pi \times 7 \times 2 = 17,47 \mu\text{m}$$

Angles et Longueurs d'un Arc de Cercle (G)

Nom: _____

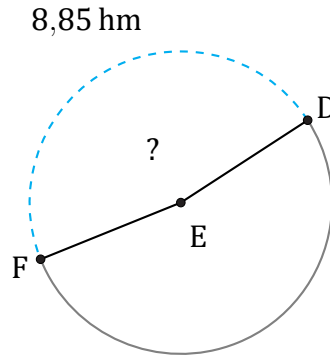
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



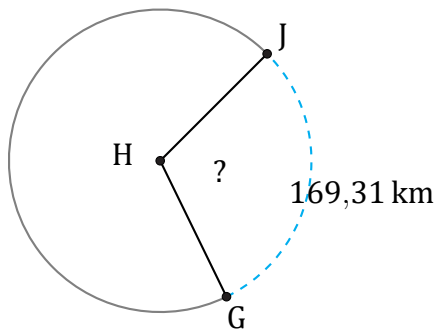
Rayon = 30 km

$\widehat{AC} =$



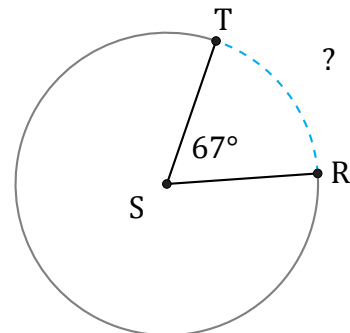
Rayon = 3 hm

$\angle DEF =$



Rayon = 89 km

$\angle GHJ =$



Rayon = 5 cm

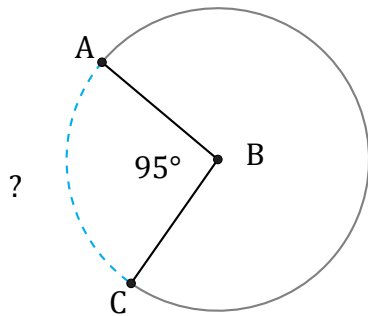
$\widehat{RT} =$

Angles et Longueurs d'un Arc de Cercle (G) Réponses

Nom: _____

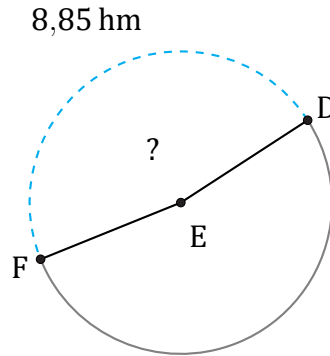
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



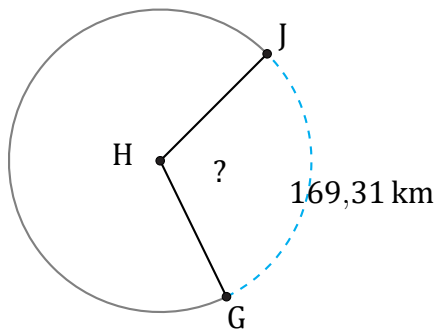
Rayon = 30 km

$$\widehat{AC} = \frac{95}{360} \times \pi \times 30 \times 2 = 49,74 \text{ km}$$



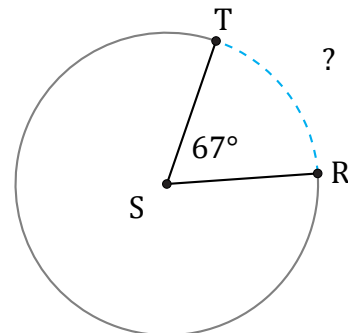
Rayon = 3 hm

$$\angle DEF = \frac{8,85}{3 \times \pi \times 2} \times 360 = 169^\circ$$



Rayon = 89 km

$$\angle GHJ = \frac{169,31}{89 \times \pi \times 2} \times 360 = 109^\circ$$



Rayon = 5 cm

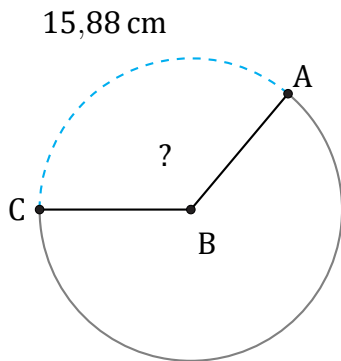
$$\widehat{RT} = \frac{67}{360} \times \pi \times 5 \times 2 = 5,85 \text{ cm}$$

Angles et Longueurs d'un Arc de Cercle (H)

Nom: _____

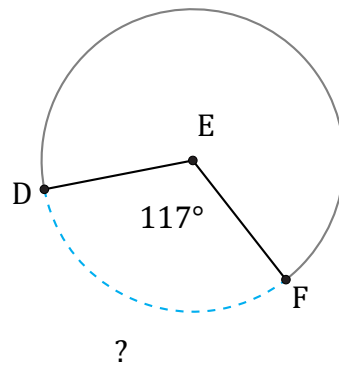
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



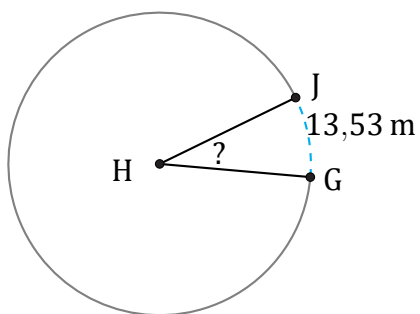
Rayon = 7 cm

$\angle ABC =$



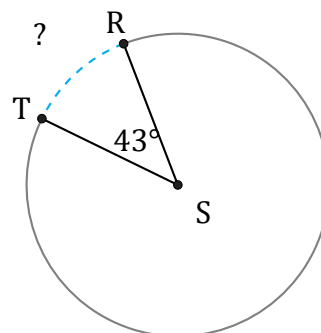
Rayon = 67 po

$\widehat{DF} =$



Rayon = 25 m

$\angle GHJ =$



Rayon = 8 μm

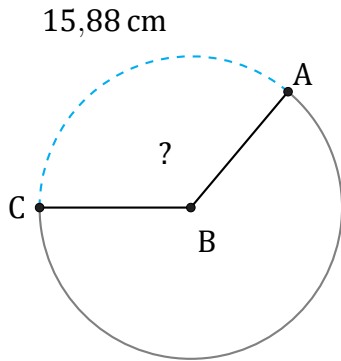
$\widehat{RT} =$

Angles et Longueurs d'un Arc de Cercle (H) Réponses

Nom: _____

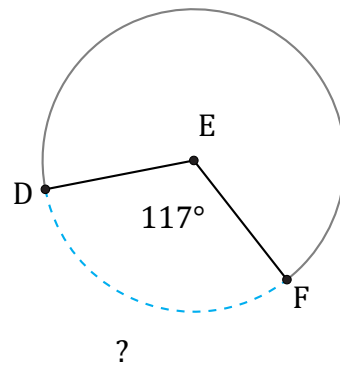
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



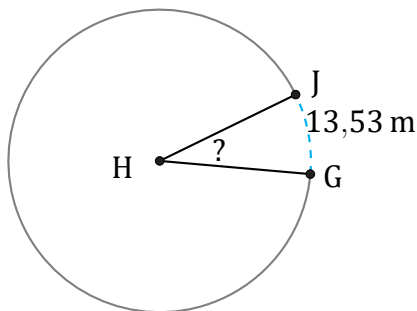
Rayon = 7 cm

$$\angle ABC = \frac{15,88}{7 \times \pi \times 2} \times 360 = 130^\circ$$



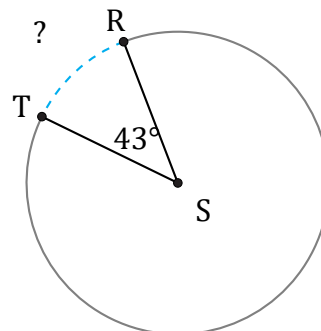
Rayon = 67 po

$$\widehat{DF} = \frac{117}{360} \times \pi \times 67 \times 2 = 136,82 \text{ po}$$



Rayon = 25 m

$$\angle GHJ = \frac{13,53}{25 \times \pi \times 2} \times 360 = 31^\circ$$



Rayon = 8 μm

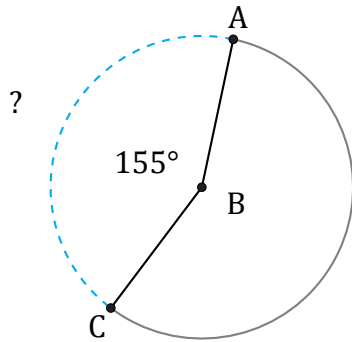
$$\widehat{RT} = \frac{43}{360} \times \pi \times 8 \times 2 = 6 \mu\text{m}$$

Angles et Longueurs d'un Arc de Cercle (I)

Nom: _____

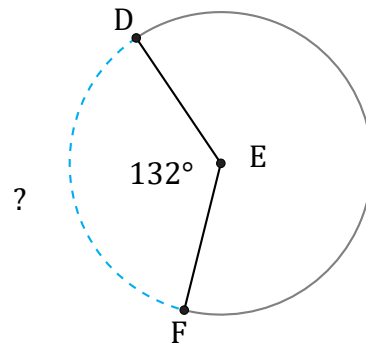
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



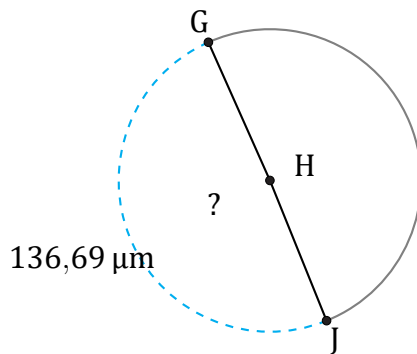
Rayon = $958 \mu\text{m}$

$\widehat{AC} =$



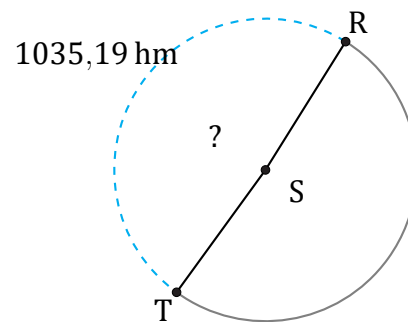
Rayon = 2 m

$\widehat{DF} =$



Rayon = $44 \mu\text{m}$

$\angle GHJ =$



Rayon = 337 hm

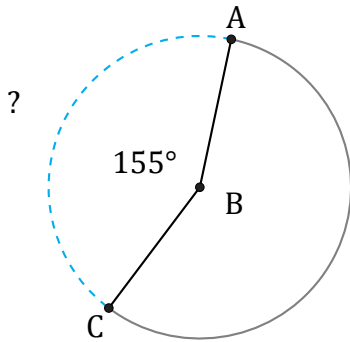
$\angle RST =$

Angles et Longueurs d'un Arc de Cercle (I) Réponses

Nom: _____

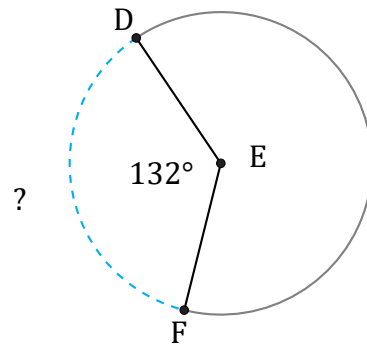
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



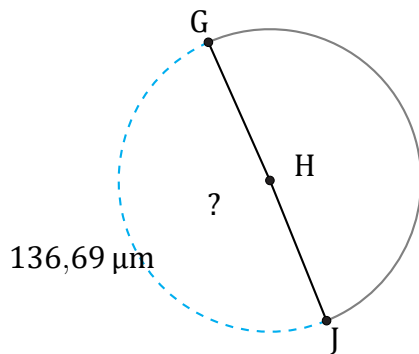
Rayon = 958 μm

$$\widehat{AC} = \frac{155}{360} \times \pi \times 958 \times 2 = 2591,64 \mu\text{m}$$



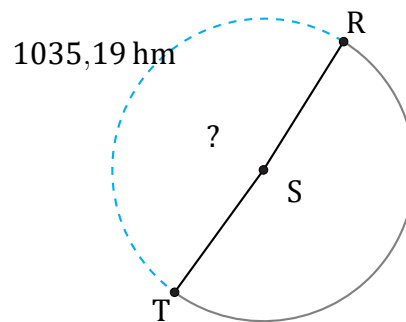
Rayon = 2 m

$$\widehat{DF} = \frac{132}{360} \times \pi \times 2 \times 2 = 4,61 \text{ m}$$



Rayon = 44 μm

$$\angle GHJ = \frac{136,69}{44 \times \pi \times 2} \times 360 = 178^\circ$$



Rayon = 337 hm

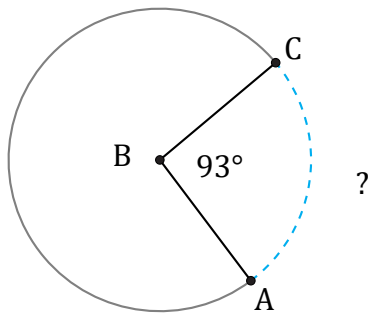
$$\angle RST = \frac{1035,19}{337 \times \pi \times 2} \times 360 = 176^\circ$$

Angles et Longueurs d'un Arc de Cercle (J)

Nom: _____

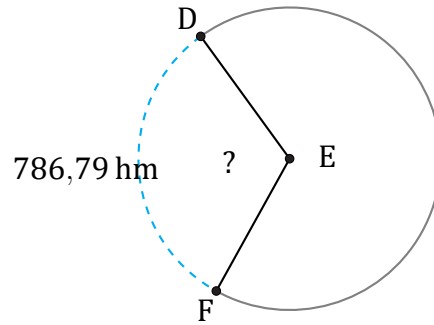
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



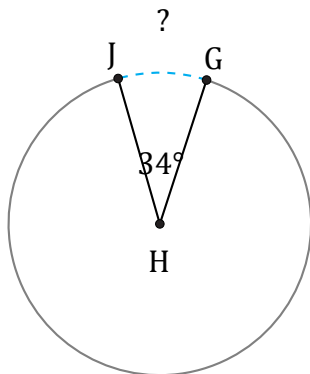
Rayon = 48 hm

$\widehat{AC} =$



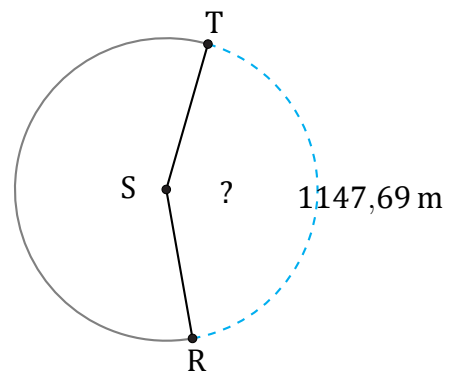
Rayon = 392 hm

$\angle DEF =$



Rayon = 2 km

$\widehat{GJ} =$



Rayon = 427 m

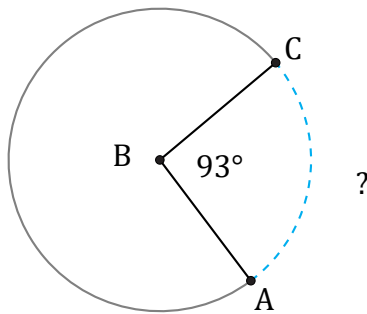
$\angle RST =$

Angles et Longueurs d'un Arc de Cercle (J) Réponses

Nom: _____

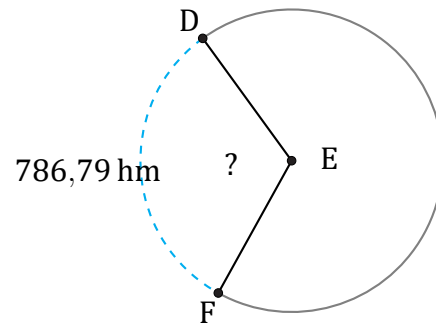
Date: _____

Calculez la longueur de l'arc de cercle et la mesure de l'angle.



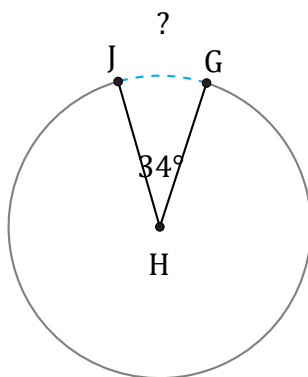
Rayon = 48 hm

$$\widehat{AC} = \frac{93}{360} \times \pi \times 48 \times 2 = 77,91 \text{ hm}$$



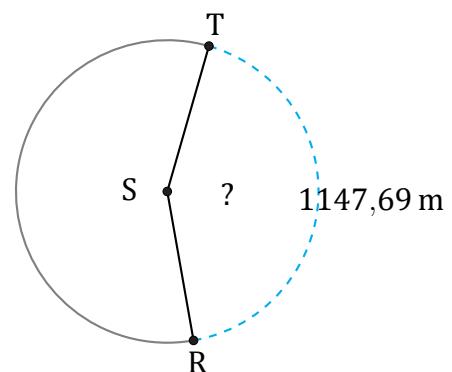
Rayon = 392 hm

$$\angle DEF = \frac{786,79}{392 \times \pi \times 2} \times 360 = 115^\circ$$



Rayon = 2 km

$$\widehat{GJ} = \frac{34}{360} \times \pi \times 2 \times 2 = 1,19 \text{ km}$$



Rayon = 427 m

$$\angle RST = \frac{1147,69}{427 \times \pi \times 2} \times 360 = 154^\circ$$