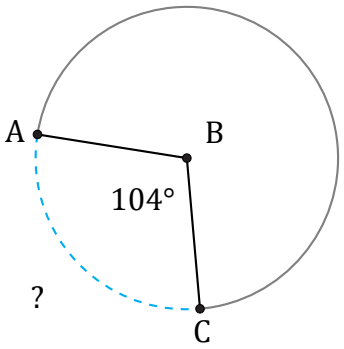
Longueurs d'un Arc de Cercle (A)

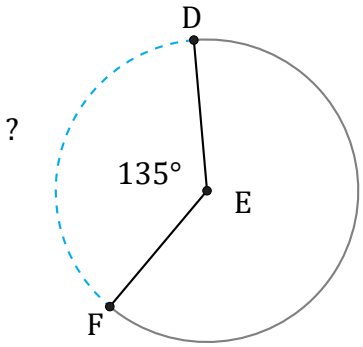
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



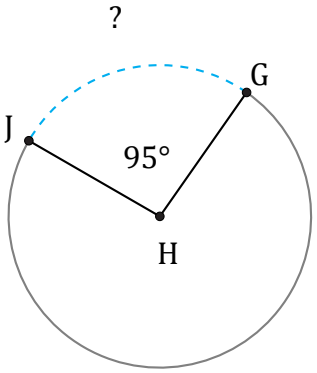
Rayon = 8 mm

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



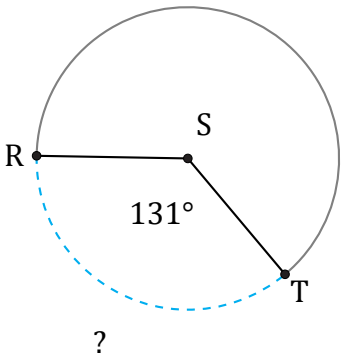
Circonférence = 37,7 km

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



Circonférence = 6,28 m

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



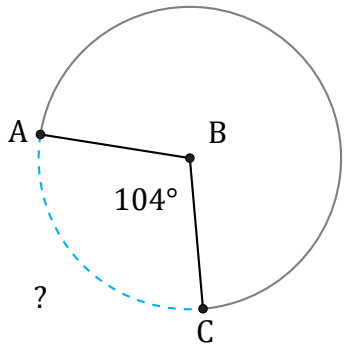
Diamètre = 138 m

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

Longueurs d'un Arc de Cercle (A) Réponses

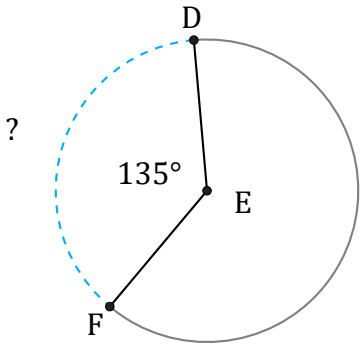
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



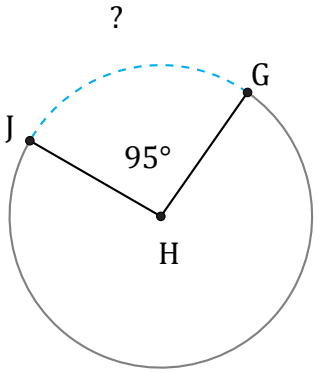
Rayon = 8 mm

$\overset{\frown}{AC} = \frac{104}{360} \times \pi \times 8 \times 2 = 14{,}52 \text{ mm}$



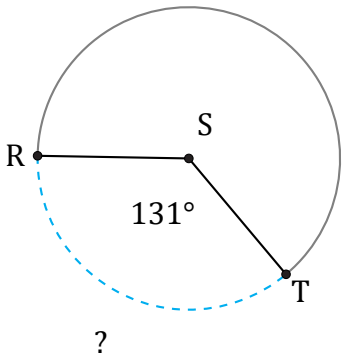
Circonférence = 37,7 km

$\overset{\frown}{DF} = \frac{135}{360} \times 37{,}7 = 14{,}14 \text{ km}$



Circonférence = 6,28 m

$\overset{\frown}{GJ} = \frac{95}{360} \times 6{,}28 = 1{,}66 \text{ m}$



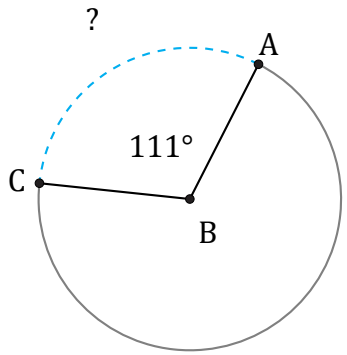
Diamètre = 138 m

$\overset{\frown}{RT} = \frac{131}{360} \times \pi \times 138 = 157{,}76 \text{ m}$

Longueurs d'un Arc de Cercle (B)

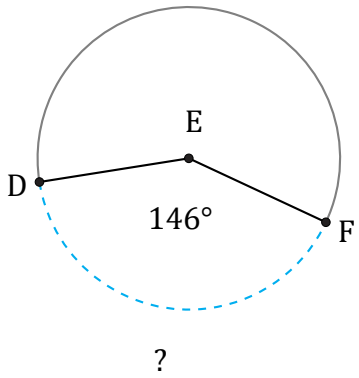
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



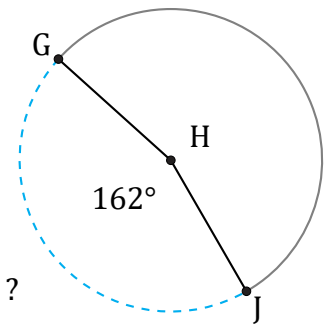
Diamètre = 4 µm

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



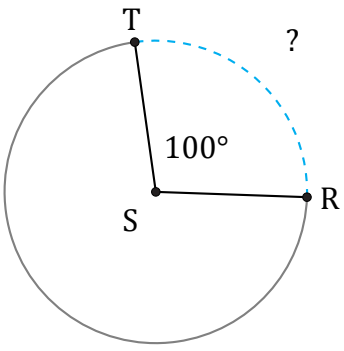
Circonférence = 1426,28 po

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



Rayon = 188 km

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



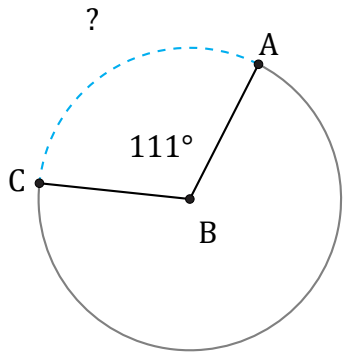
Circonférence = 43,98 cm

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

Longueurs d'un Arc de Cercle (B) Réponses

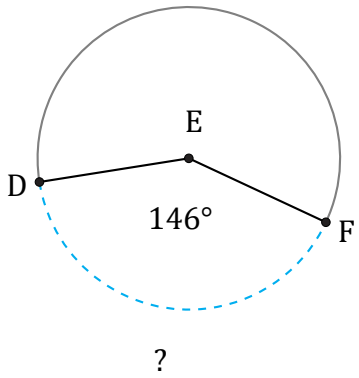
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



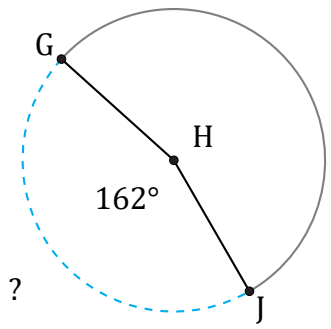
Diamètre = 4 µm

$\overset{\frown}{AC} = \frac{111}{360} \times \pi \times 4 = 3{,}87\ \mu m$



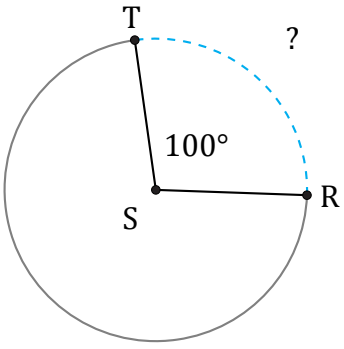
Circonférence = 1426,28 po

$\overset{\frown}{DF} = \frac{146}{360} \times 1426{,}28 = 578{,}44\ po$



Rayon = 188 km

$\overset{\frown}{GJ} = \frac{162}{360} \times \pi \times 188 \times 2 = 531{,}56\ km$



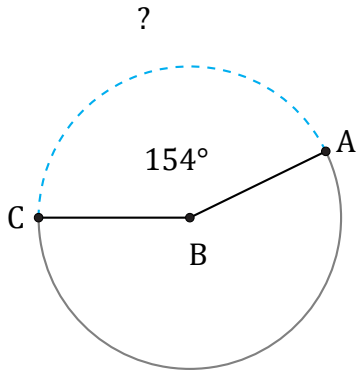
Circonférence = 43,98 cm

$\overset{\frown}{RT} = \frac{100}{360} \times 43{,}98 = 12{,}22\ cm$

Longueurs d'un Arc de Cercle (C)

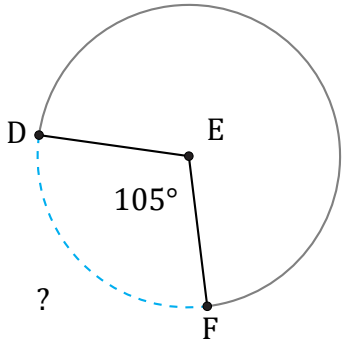
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



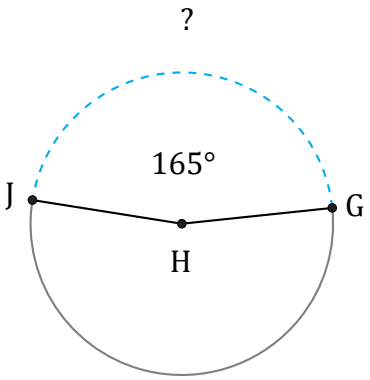
Diamètre = 1130 cm

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



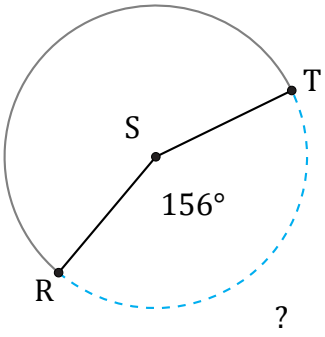
Diamètre = 6 mm

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



Circonférence = 446,11 mm

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



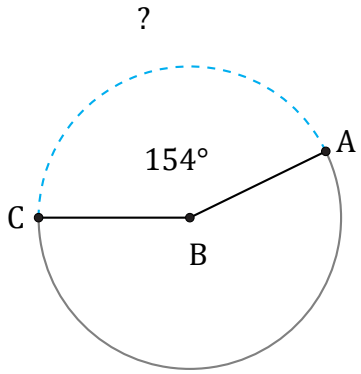
Rayon = 96 mm

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

Longueurs d'un Arc de Cercle (C) Réponses

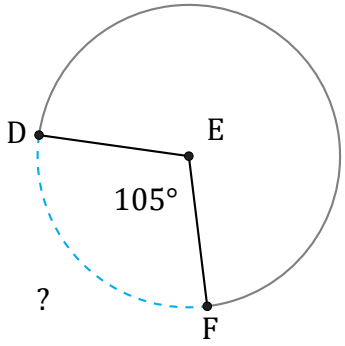
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



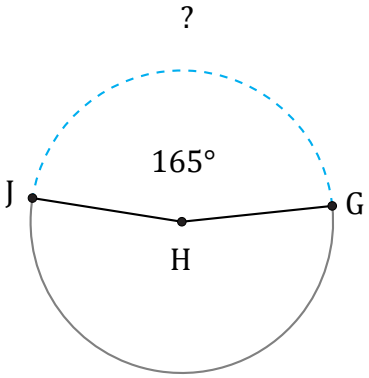
Diamètre = 1130 cm

$\overset{\frown}{AC} = \frac{154}{360} \times \pi \times 1130 = 1518{,}61 \text{ cm}$



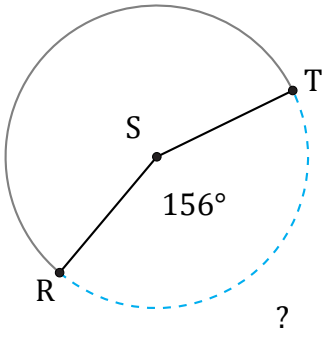
Diamètre = 6 mm

$\overset{\frown}{DF} = \frac{105}{360} \times \pi \times 6 = 5{,}5 \text{ mm}$



Circonférence = 446,11 mm

$\overset{\frown}{GJ} = \frac{165}{360} \times 446{,}11 = 204{,}47 \text{ mm}$



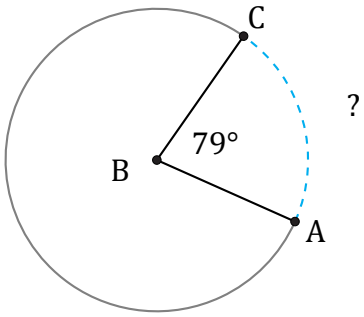
Rayon = 96 mm

$\overset{\frown}{RT} = \frac{156}{360} \times \pi \times 96 \times 2 = 261{,}38 \text{ mm}$

Longueurs d'un Arc de Cercle (D)

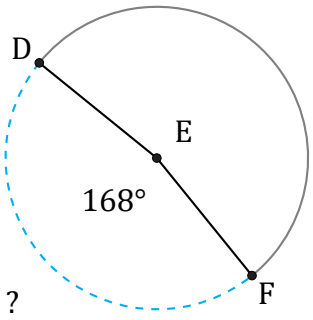
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



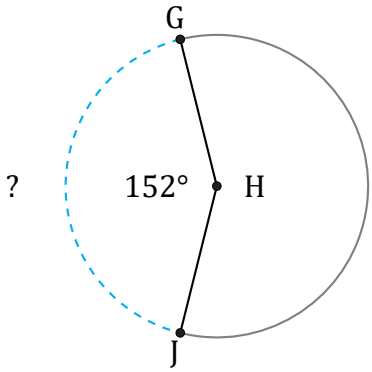
Circonférence = 2582,39 hm

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



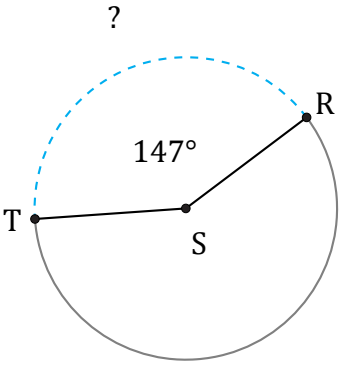
Rayon = 91 mm

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



Circonférence = 408,41 µm

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



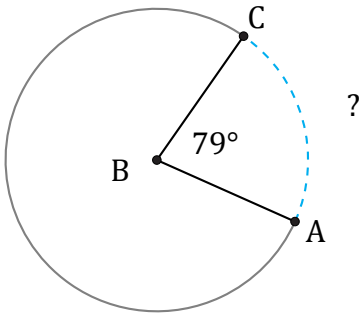
Diamètre = 402 mm

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

Longueurs d'un Arc de Cercle (D) Réponses

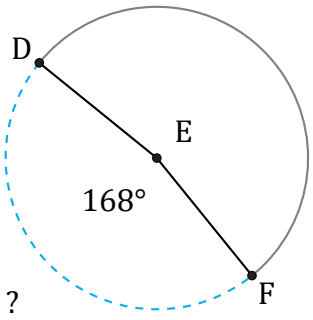
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



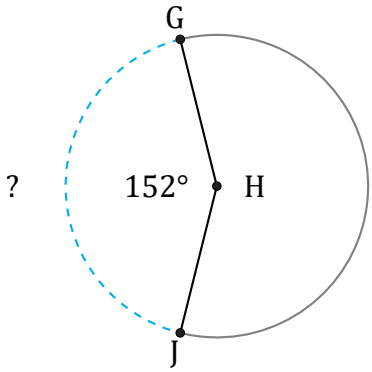
Circonférence = 2582,39 hm

$\overset{\frown}{AC} = \frac{79}{360} \times 2582{,}39 = 566{,}69 \text{ hm}$



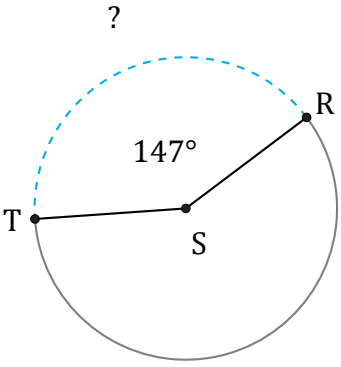
Rayon = 91 mm

$\overset{\frown}{DF} = \frac{168}{360} \times \pi \times 91 \times 2 = 266{,}83 \text{ mm}$



Circonférence = 408,41 µm

$\overset{\frown}{GJ} = \frac{152}{360} \times 408{,}41 = 172{,}44 \text{ µm}$



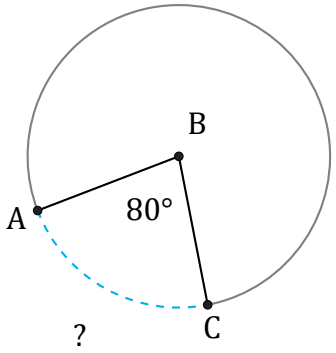
Diamètre = 402 mm

$\overset{\frown}{RT} = \frac{147}{360} \times \pi \times 402 = 515{,}69 \text{ mm}$

Longueurs d'un Arc de Cercle (E)

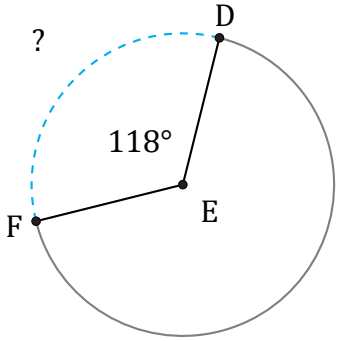
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



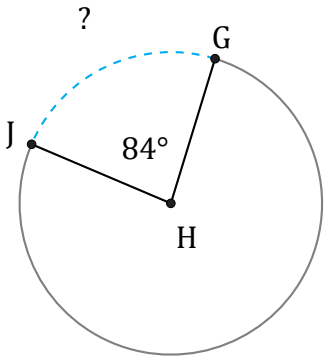
Diamètre = 554 cm

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



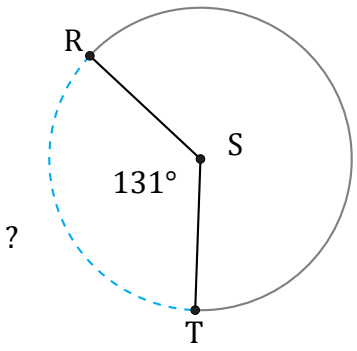
Diamètre = 154 dm

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



Rayon = 6 po

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



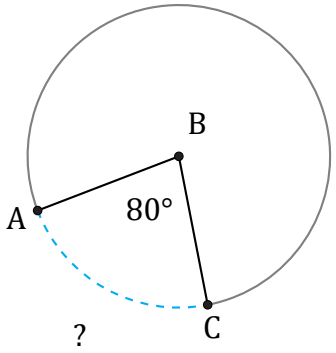
Circonférence = 43,98 hm

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

Longueurs d'un Arc de Cercle (E) Réponses

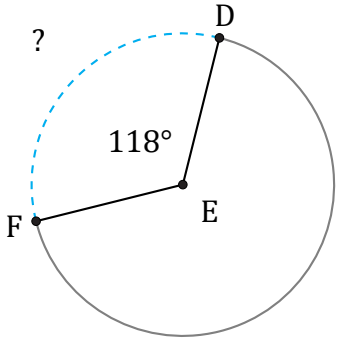
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



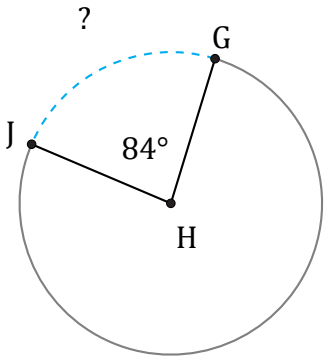
Diamètre = 554 cm

$\overset{\frown}{AC} = \frac{80}{360} \times \pi \times 554 = 386{,}76 \text{ cm}$



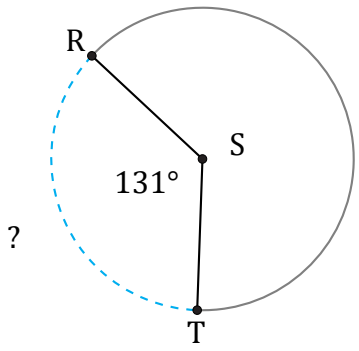
Diamètre = 154 dm

$\overset{\frown}{DF} = \frac{118}{360} \times \pi \times 154 = 158{,}58 \text{ dm}$



Rayon = 6 po

$\overset{\frown}{GJ} = \frac{84}{360} \times \pi \times 6 \times 2 = 8{,}8 \text{ po}$



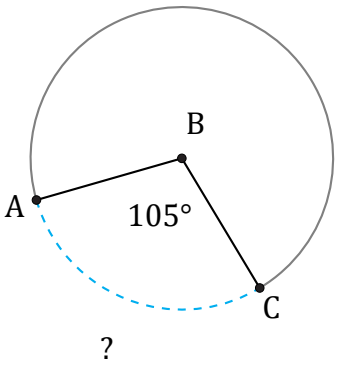
Circonférence = 43,98 hm

$\overset{\frown}{RT} = \frac{131}{360} \times 43{,}98 = 16 \text{ hm}$

Longueurs d'un Arc de Cercle (F)

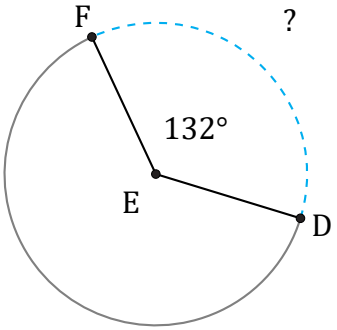
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



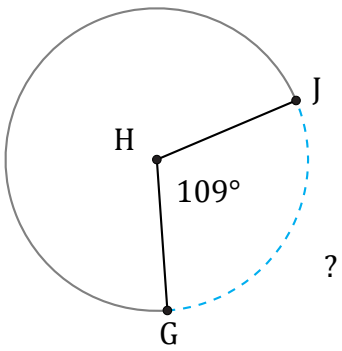
Diamètre = 144 m

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



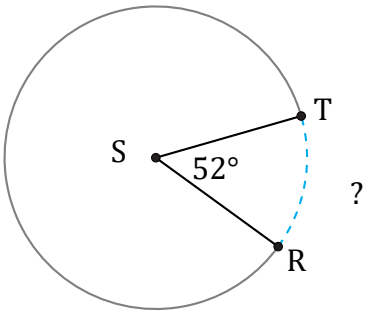
Rayon = 3 km

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



Circonférence = 4146,9 km

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



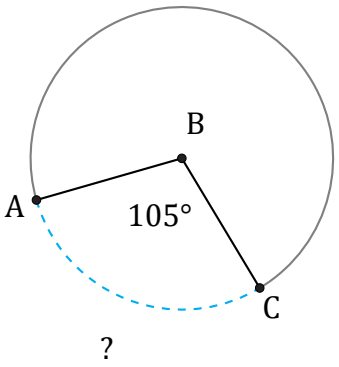
Circonférence = 6144,96 km

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

Longueurs d'un Arc de Cercle (F) Réponses

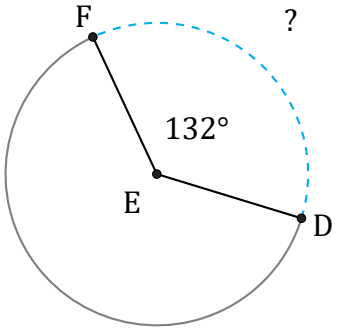
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



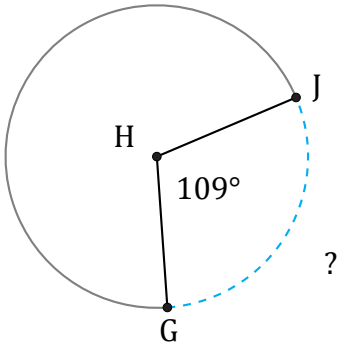
Diamètre = 144 m

$\overset{\frown}{AC} = \frac{105}{360} \times \pi \times 144 = 131{,}95\text{ m}$



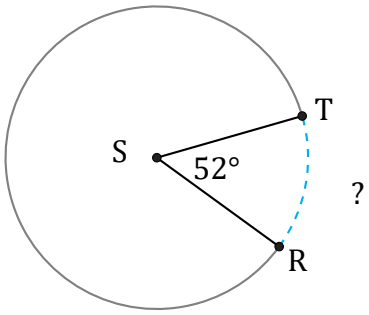
Rayon = 3 km

$\overset{\frown}{DF} = \frac{132}{360} \times \pi \times 3 \times 2 = 6{,}91\text{ km}$



Circonférence = 4146,9 km

$\overset{\frown}{GJ} = \frac{109}{360} \times 4146{,}9 = 1255{,}59\text{ km}$



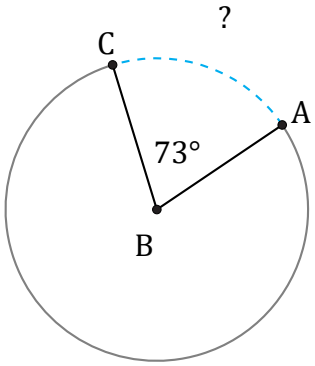
Circonférence = 6144,96 km

$\overset{\frown}{RT} = \frac{52}{360} \times 6144{,}96 = 887{,}61\text{ km}$

Longueurs d'un Arc de Cercle (G)

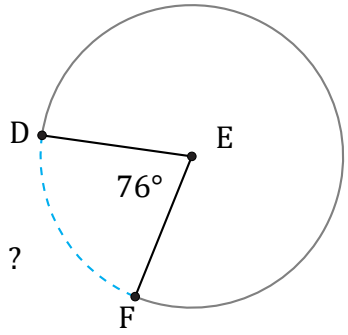
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



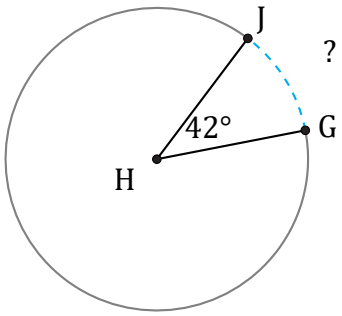
Diamètre = 608 m

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



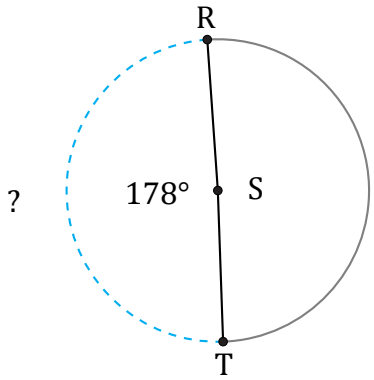
Circonférence = 502,65 po

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



Rayon = 9 µm

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



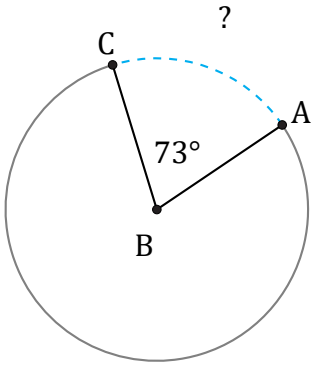
Diamètre = 1480 km

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

Longueurs d'un Arc de Cercle (G) Réponses

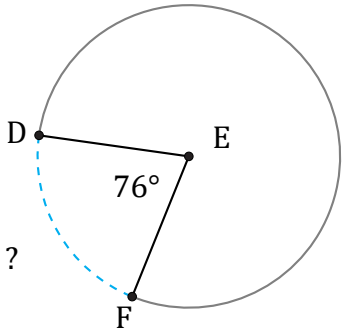
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



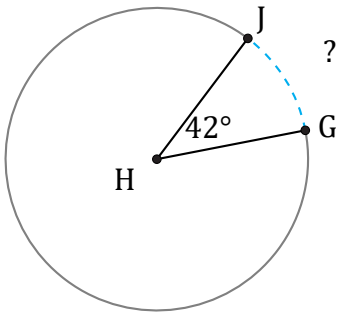
Diamètre = 608 m

$\overset{\frown}{AC} = \frac{73}{360} \times \pi \times 608 = 387{,}32 \text{ m}$



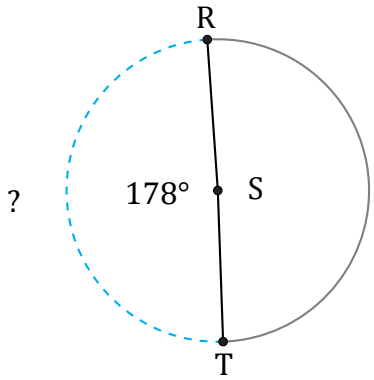
Circonférence = 502,65 po

$\overset{\frown}{DF} = \frac{76}{360} \times 502{,}65 = 106{,}12 \text{ po}$



Rayon = 9 µm

$\overset{\frown}{GJ} = \frac{42}{360} \times \pi \times 9 \times 2 = 6{,}6 \text{ µm}$



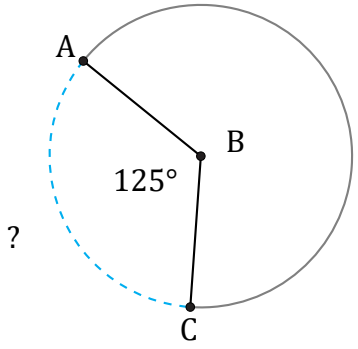
Diamètre = 1480 km

$\overset{\frown}{RT} = \frac{178}{360} \times \pi \times 1480 = 2298{,}95 \text{ km}$

Longueurs d'un Arc de Cercle (H)

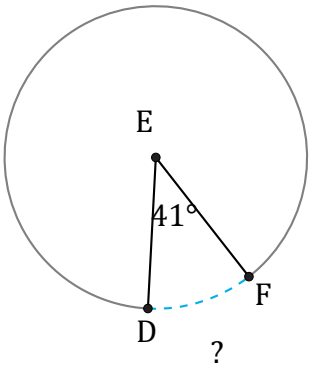
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



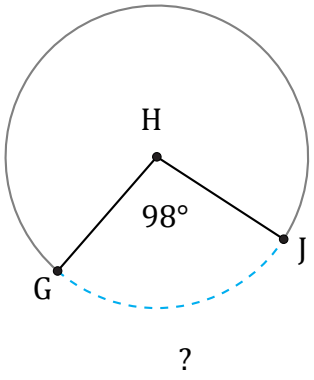
Rayon = 552 dm

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



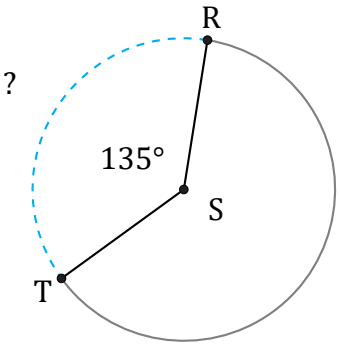
Rayon = 465 µm

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



Circonférence = 12,57 dm

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



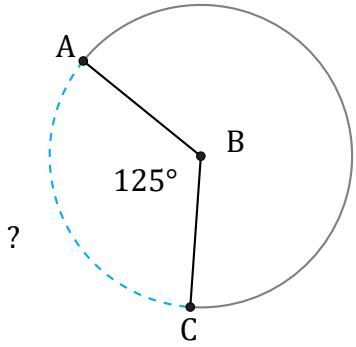
Diamètre = 770 km

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

Longueurs d'un Arc de Cercle (H) Réponses

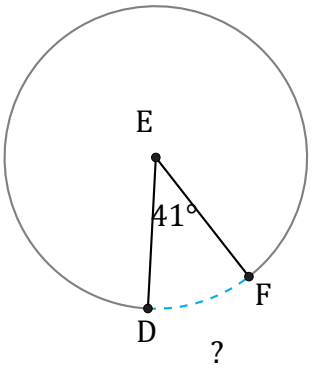
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



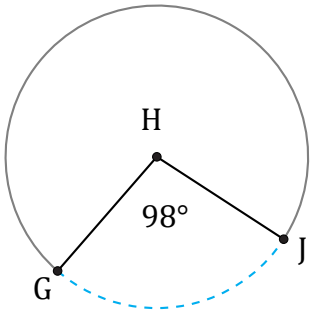
Rayon = 552 dm

$\overset{\frown}{AC} = \frac{125}{360} \times \pi \times 552 \times 2 = 1204{,}28 \text{ dm}$



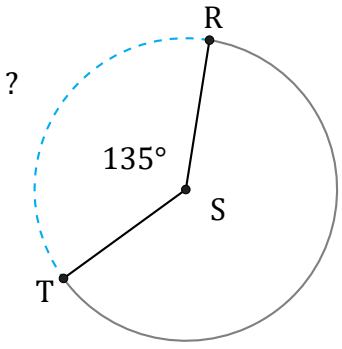
Rayon = 465 µm

$\overset{\frown}{DF} = \frac{41}{360} \times \pi \times 465 \times 2 = 332{,}75 \text{ µm}$



Circonférence = 12,57 dm

$\overset{\frown}{GJ} = \frac{98}{360} \times 12{,}57 = 3{,}42 \text{ dm}$



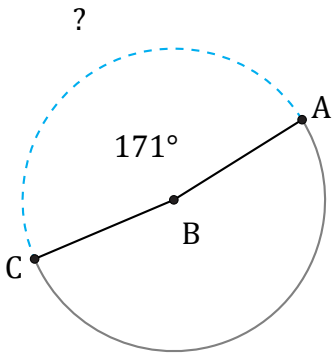
Diamètre = 770 km

$\overset{\frown}{RT} = \frac{135}{360} \times \pi \times 770 = 907{,}13 \text{ km}$

Longueurs d'un Arc de Cercle (I)

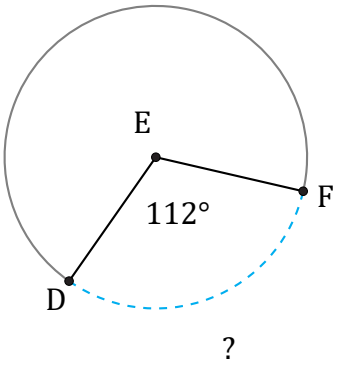
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



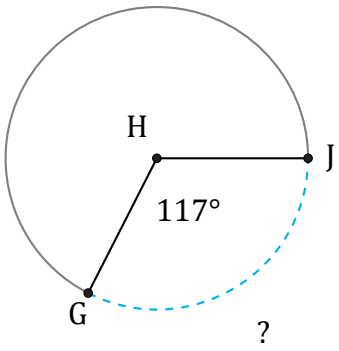
Circonférence = 1262,92 mm

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



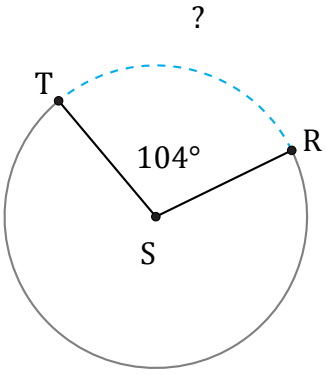
Diamètre = 1030 dm

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



Rayon = 666 km

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



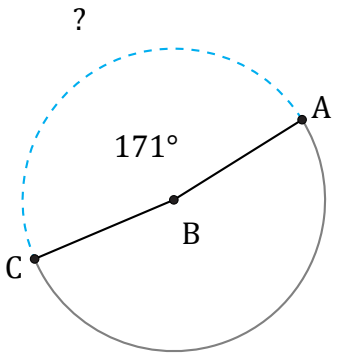
Diamètre = 80 m

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

Longueurs d'un Arc de Cercle (I) Réponses

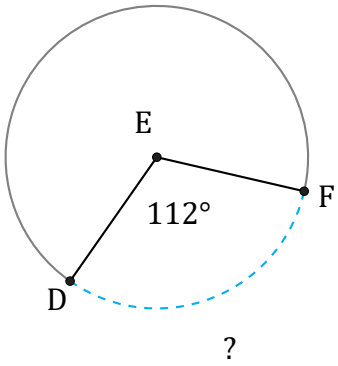
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



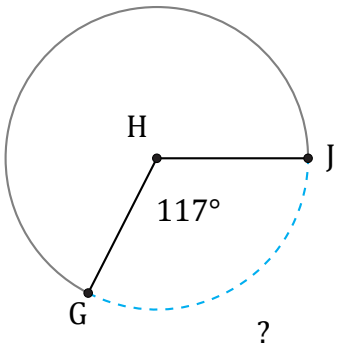
Circonférence = 1262,92 mm

$\overset{\frown}{AC} = \frac{171}{360} \times 1262{,}92 = 599{,}89$ mm



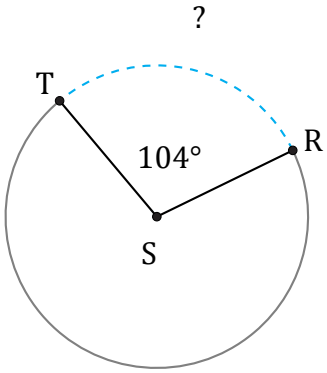
Diamètre = 1030 dm

$\overset{\frown}{DF} = \frac{112}{360} \times \pi \times 1030 = 1006{,}71$ dm



Rayon = 666 km

$\overset{\frown}{GJ} = \frac{117}{360} \times \pi \times 666 \times 2 = 1360$ km



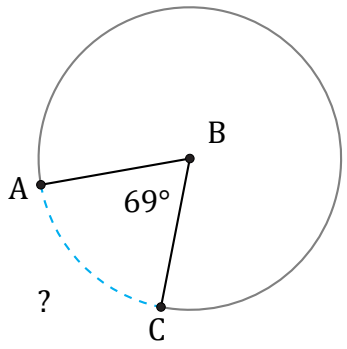
Diamètre = 80 m

$\overset{\frown}{RT} = \frac{104}{360} \times \pi \times 80 = 72{,}61$ m

Longueurs d'un Arc de Cercle (J)

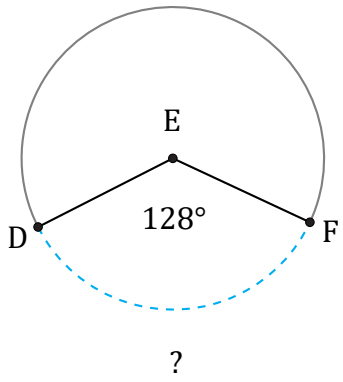
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



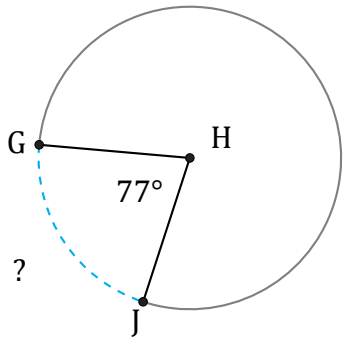
Diamètre = 8 cm

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



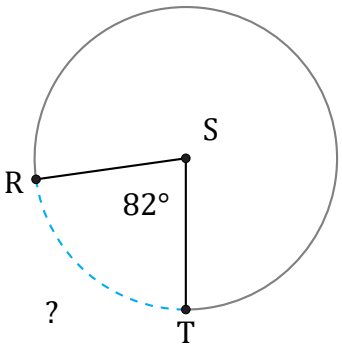
Circonférence = 5912,48 hm

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



Rayon = 5 po

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



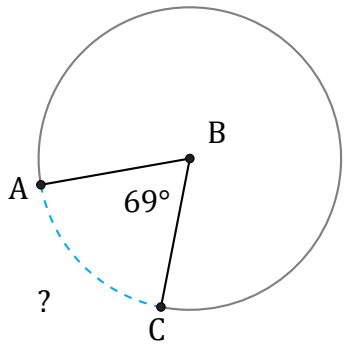
Diamètre = 16 hm

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

Longueurs d'un Arc de Cercle (J) Réponses

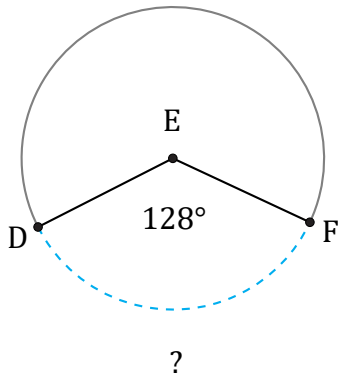
Nom: _____ Date: _____

Calculez la longueur de l'angle du cercle.



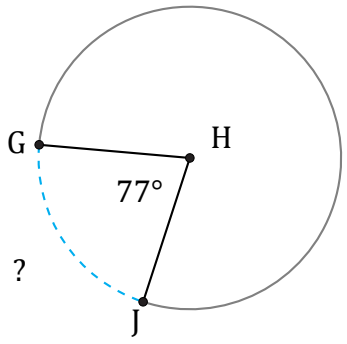
Diamètre = 8 cm

$\overset{\frown}{AC} = \frac{69}{360} \times \pi \times 8 = 4{,}82 \text{ cm}$



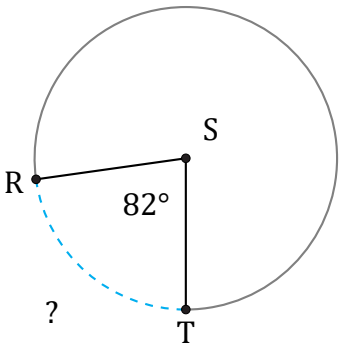
Circonférence = 5912,48 hm

$\overset{\frown}{DF} = \frac{128}{360} \times 5912{,}48 = 2102{,}22 \text{ hm}$



Rayon = 5 po

$\overset{\frown}{GJ} = \frac{77}{360} \times \pi \times 5 \times 2 = 6{,}72 \text{ po}$



Diamètre = 16 hm

$\overset{\frown}{RT} = \frac{82}{360} \times \pi \times 16 = 11{,}45 \text{ hm}$