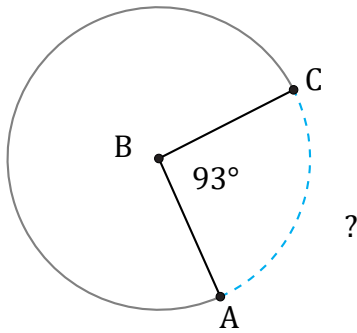


Longueurs d'un Arc de Cercle (A)

Nom: _____

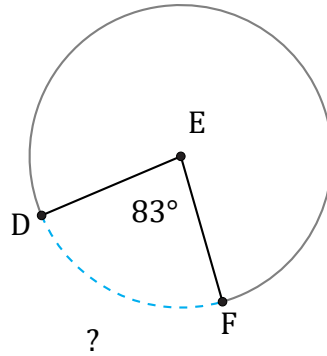
Date: _____

Calculez la longueur de l'angle du cercle.



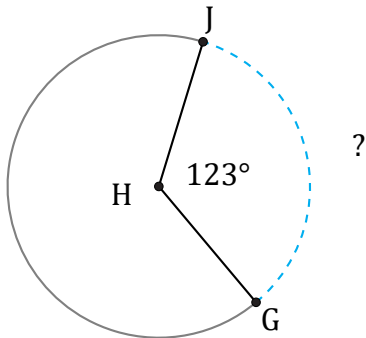
Rayon = 1 mm

$\widehat{AC} =$



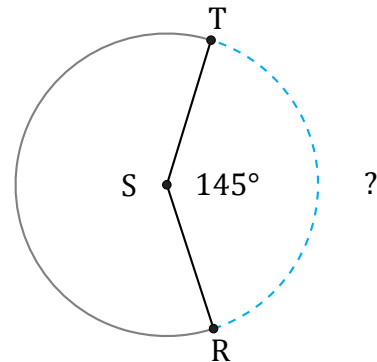
Diamètre = 1152 hm

$\widehat{DF} =$



Diamètre = 1410 hm

$\widehat{GJ} =$



Rayon = 7 dm

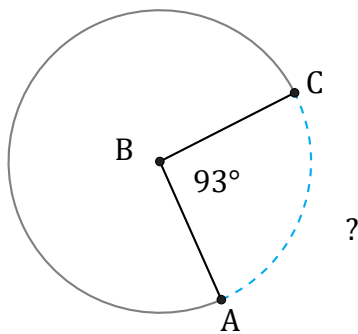
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (A) Réponses

Nom: _____

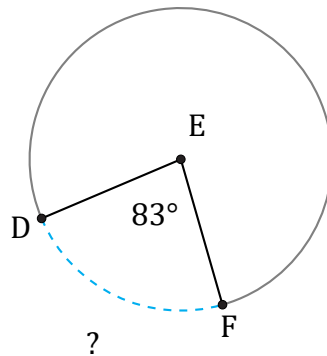
Date: _____

Calculez la longueur de l'angle du cercle.



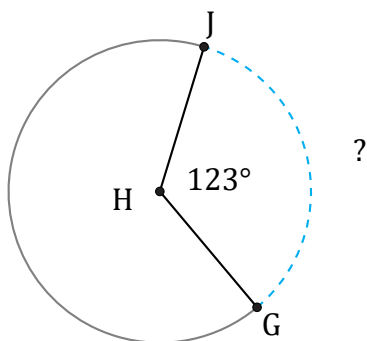
Rayon = 1 mm

$$\widehat{AC} = \frac{93}{360} \times \pi \times 1 \times 2 = 1,62 \text{ mm}$$



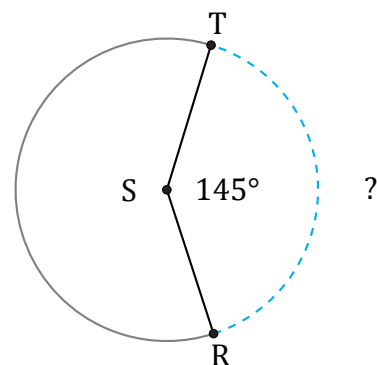
Diamètre = 1152 hm

$$\widehat{DF} = \frac{83}{360} \times \pi \times 1152 = 834,41 \text{ hm}$$



Diamètre = 1410 hm

$$\widehat{GJ} = \frac{123}{360} \times \pi \times 1410 = 1513,46 \text{ hm}$$



Rayon = 7 dm

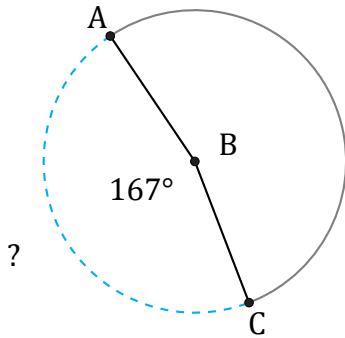
$$\widehat{RT} = \frac{145}{360} \times \pi \times 7 \times 2 = 17,72 \text{ dm}$$

Longueurs d'un Arc de Cercle (B)

Nom: _____

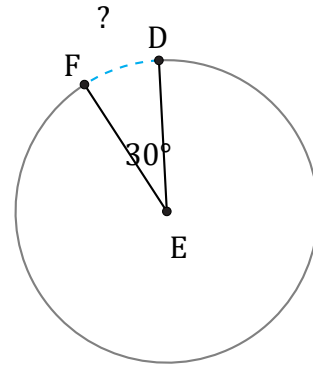
Date: _____

Calculez la longueur de l'angle du cercle.



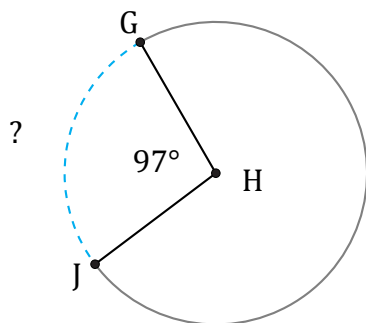
Rayon = 567 hm

$\widehat{AC} =$



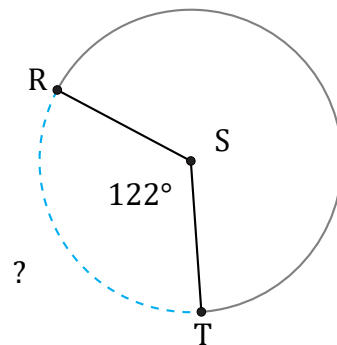
Diamètre = 56 dm

$\widehat{DF} =$



Rayon = 2 hm

$\widehat{GJ} =$



Diamètre = 1954 dm

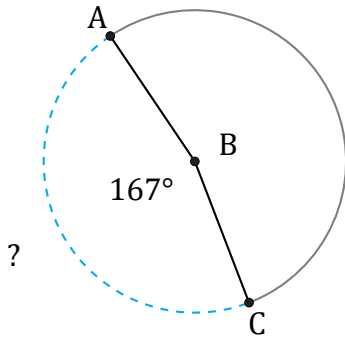
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (B) Réponses

Nom: _____

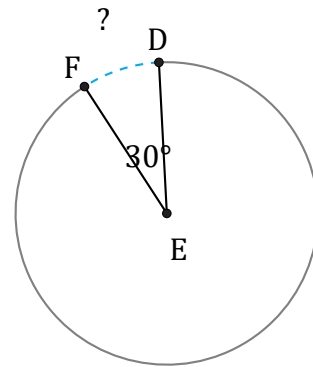
Date: _____

Calculez la longueur de l'angle du cercle.



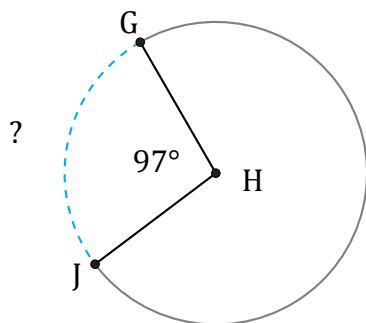
Rayon = 567 hm

$$\widehat{AC} = \frac{167}{360} \times \pi \times 567 \times 2 = 1652,63 \text{ hm}$$



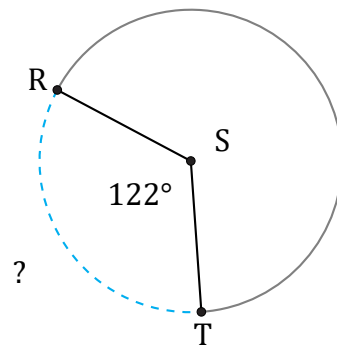
Diamètre = 56 dm

$$\widehat{DF} = \frac{30}{360} \times \pi \times 56 = 14,66 \text{ dm}$$



Rayon = 2 hm

$$\widehat{GJ} = \frac{97}{360} \times \pi \times 2 \times 2 = 3,39 \text{ hm}$$



Diamètre = 1954 dm

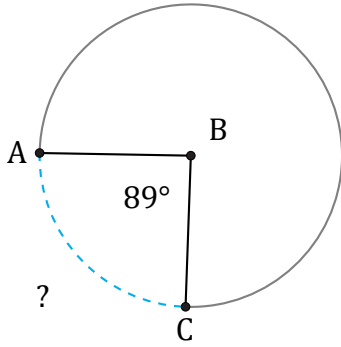
$$\widehat{RT} = \frac{122}{360} \times \pi \times 1954 = 2080,33 \text{ dm}$$

Longueurs d'un Arc de Cercle (C)

Nom: _____

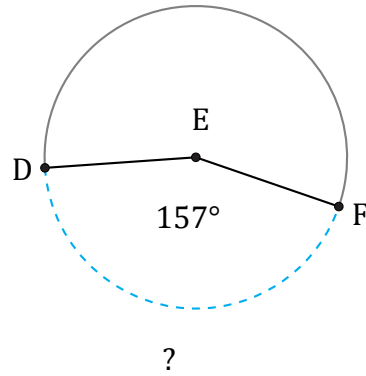
Date: _____

Calculez la longueur de l'angle du cercle.



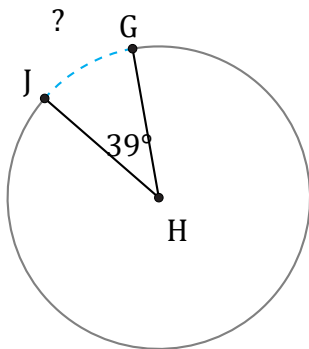
Rayon = 7 po

$\widehat{AC} =$



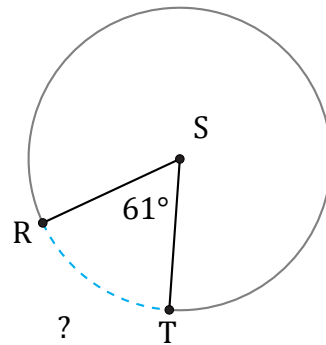
Rayon = 54 po

$\widehat{DF} =$



Diamètre = 272 hm

$\widehat{GJ} =$



Diamètre = 1172 dm

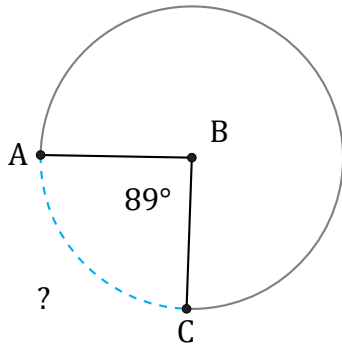
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (C) Réponses

Nom: _____

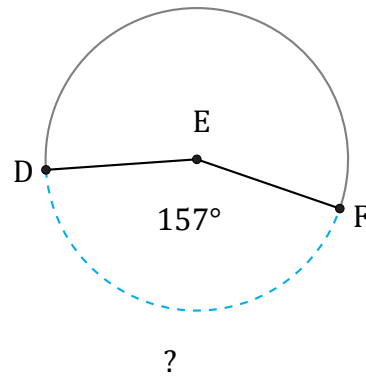
Date: _____

Calculez la longueur de l'angle du cercle.



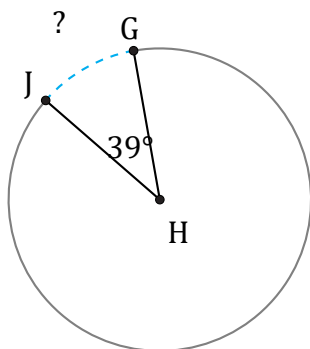
Rayon = 7 po

$$\widehat{AC} = \frac{89}{360} \times \pi \times 7 \times 2 = 10,87 \text{ po}$$



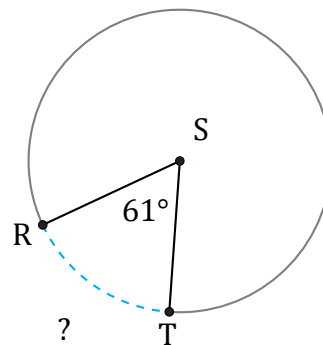
Rayon = 54 po

$$\widehat{DF} = \frac{157}{360} \times \pi \times 54 \times 2 = 147,97 \text{ po}$$



Diamètre = 272 hm

$$\widehat{GJ} = \frac{39}{360} \times \pi \times 272 = 92,57 \text{ hm}$$



Diamètre = 1172 dm

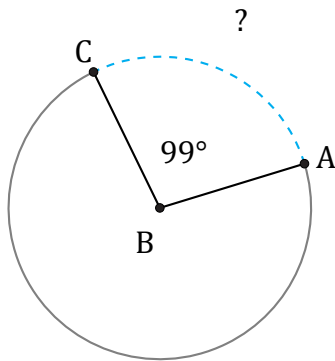
$$\widehat{RT} = \frac{61}{360} \times \pi \times 1172 = 623,89 \text{ dm}$$

Longueurs d'un Arc de Cercle (D)

Nom: _____

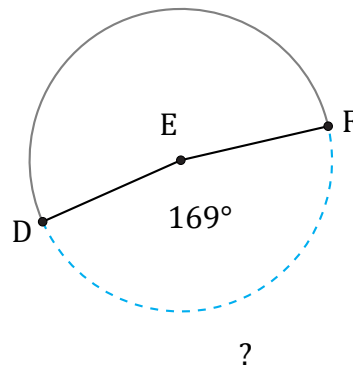
Date: _____

Calculez la longueur de l'angle du cercle.



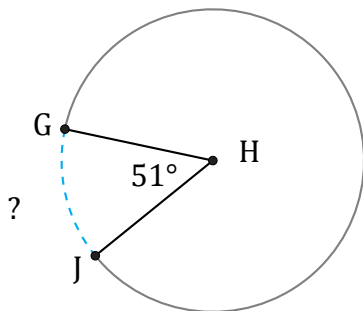
Diamètre = 186 po

$\widehat{AC} =$



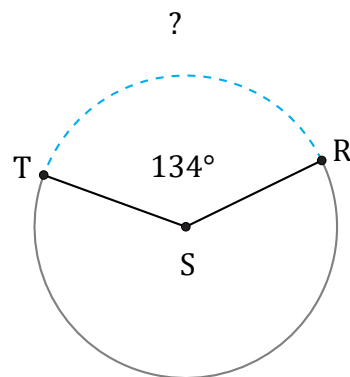
Rayon = 46 km

$\widehat{DF} =$



Rayon = 55 mm

$\widehat{GJ} =$



Diamètre = 6 m

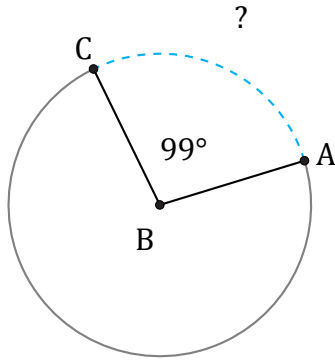
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (D) Réponses

Nom: _____

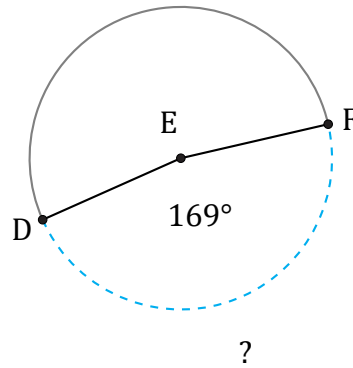
Date: _____

Calculez la longueur de l'angle du cercle.



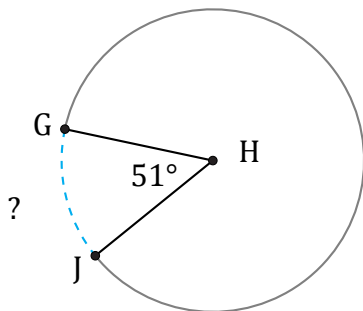
Diamètre = 186 po

$$\widehat{AC} = \frac{99}{360} \times \pi \times 186 = 160,69 \text{ po}$$



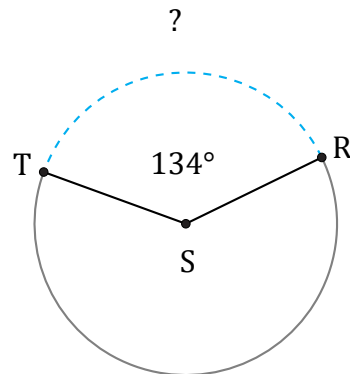
Rayon = 46 km

$$\widehat{DF} = \frac{169}{360} \times \pi \times 46 \times 2 = 135,68 \text{ km}$$



Rayon = 55 mm

$$\widehat{GJ} = \frac{51}{360} \times \pi \times 55 \times 2 = 48,96 \text{ mm}$$



Diamètre = 6 m

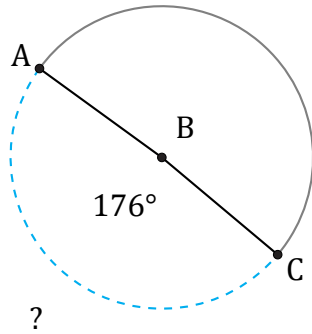
$$\widehat{RT} = \frac{134}{360} \times \pi \times 6 = 7,02 \text{ m}$$

Longueurs d'un Arc de Cercle (E)

Nom: _____

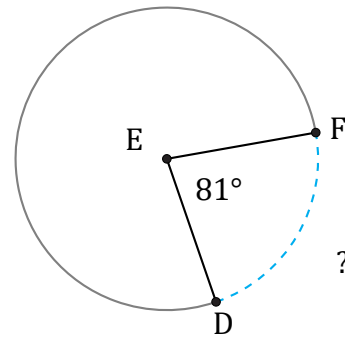
Date: _____

Calculez la longueur de l'angle du cercle.



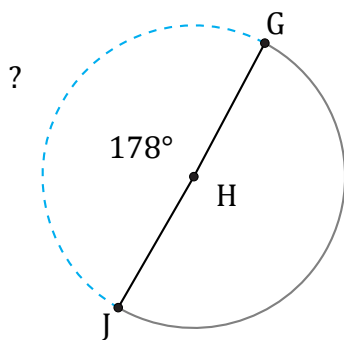
Rayon = 75 po

$\widehat{AC} =$



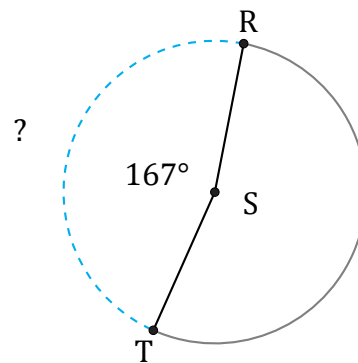
Diamètre = 132 po

$\widehat{DF} =$



Rayon = 802 hm

$\widehat{GJ} =$



Diamètre = 80 hm

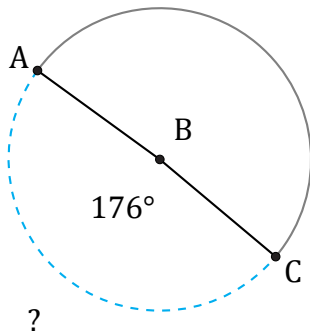
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (E) Réponses

Nom: _____

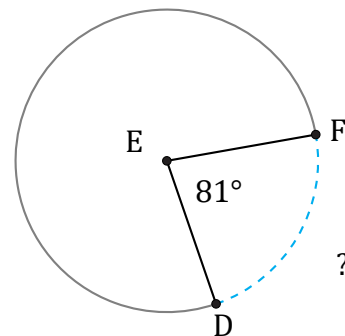
Date: _____

Calculez la longueur de l'angle du cercle.



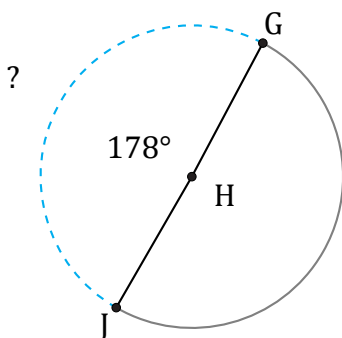
Rayon = 75 po

$$\widehat{AC} = \frac{176}{360} \times \pi \times 75 \times 2 = 230,38 \text{ po}$$



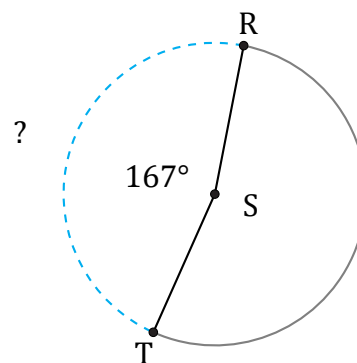
Diamètre = 132 po

$$\widehat{DF} = \frac{81}{360} \times \pi \times 132 = 93,31 \text{ po}$$



Rayon = 802 hm

$$\widehat{GJ} = \frac{178}{360} \times \pi \times 802 \times 2 = 2491,56 \text{ hm}$$



Diamètre = 80 hm

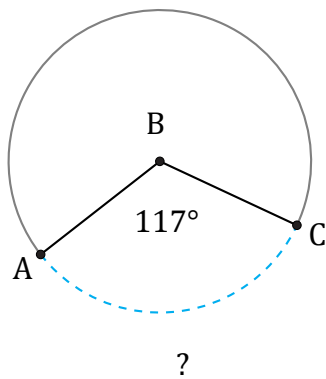
$$\widehat{RT} = \frac{167}{360} \times \pi \times 80 = 116,59 \text{ hm}$$

Longueurs d'un Arc de Cercle (F)

Nom: _____

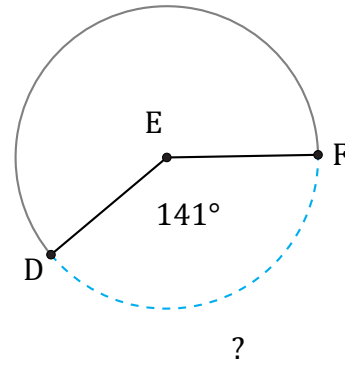
Date: _____

Calculez la longueur de l'angle du cercle.



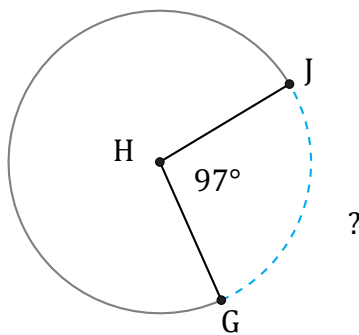
Diamètre = 28 hm

$\widehat{AC} =$



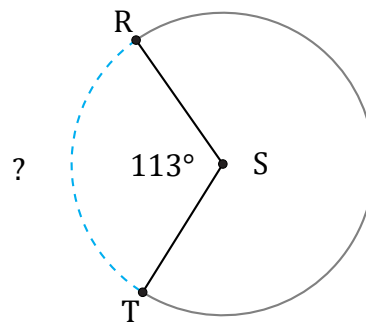
Diamètre = 10 cm

$\widehat{DF} =$



Rayon = 643 cm

$\widehat{GJ} =$



Rayon = 72 km

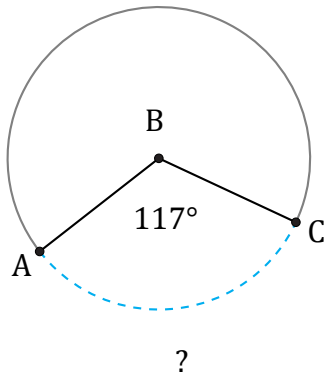
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (F) Réponses

Nom: _____

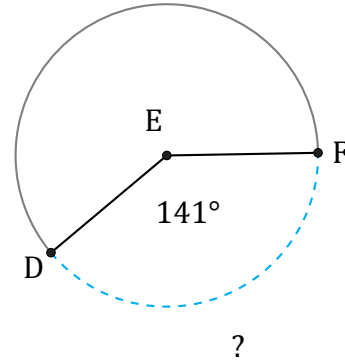
Date: _____

Calculez la longueur de l'angle du cercle.



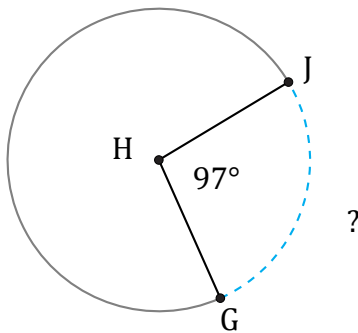
Diamètre = 28 hm

$$\widehat{AC} = \frac{117}{360} \times \pi \times 28 = 28,59 \text{ hm}$$



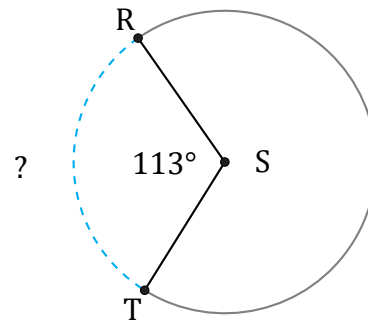
Diamètre = 10 cm

$$\widehat{DF} = \frac{141}{360} \times \pi \times 10 = 12,3 \text{ cm}$$



Rayon = 643 cm

$$\widehat{GJ} = \frac{97}{360} \times \pi \times 643 \times 2 = 1088,58 \text{ cm}$$



Rayon = 72 km

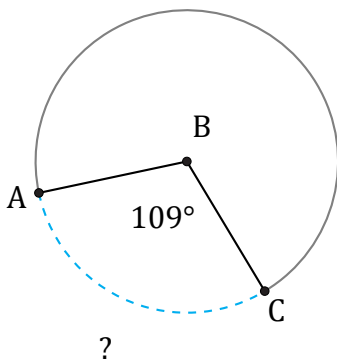
$$\widehat{RT} = \frac{113}{360} \times \pi \times 72 \times 2 = 142 \text{ km}$$

Longueurs d'un Arc de Cercle (G)

Nom: _____

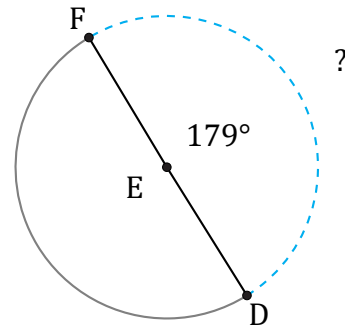
Date: _____

Calculez la longueur de l'angle du cercle.



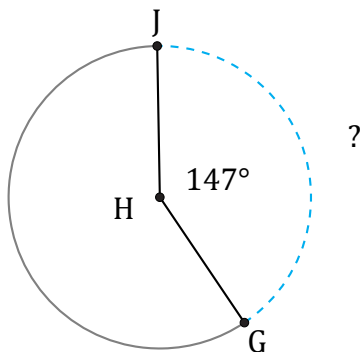
Diamètre = 1232 mm

$\widehat{AC} =$



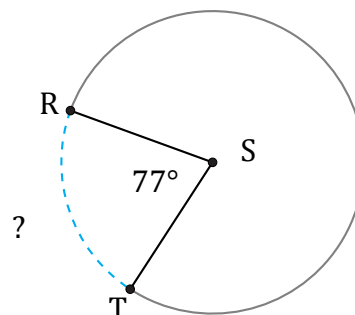
Rayon = 858 mm

$\widehat{DF} =$



Rayon = 3 hm

$\widehat{GJ} =$



Diamètre = 16 m

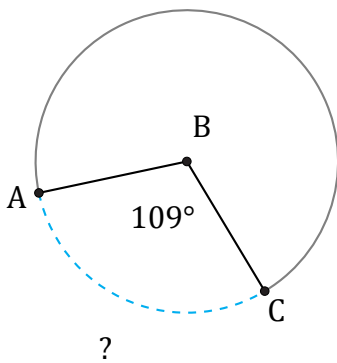
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (G) Réponses

Nom: _____

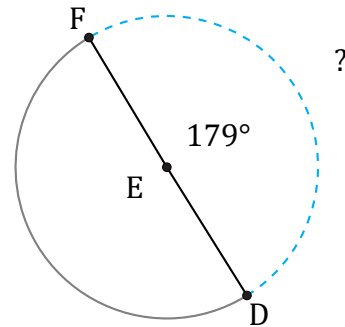
Date: _____

Calculez la longueur de l'angle du cercle.



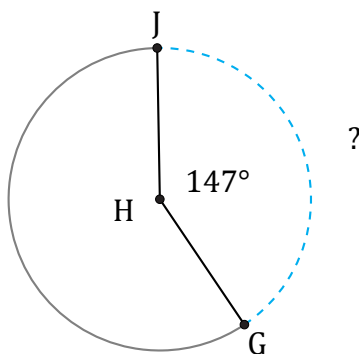
Diamètre = 1232 mm

$$\widehat{AC} = \frac{109}{360} \times \pi \times 1232 = 1171,88 \text{ mm}$$



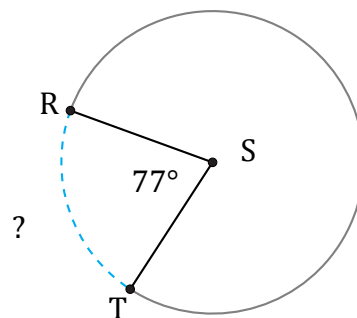
Rayon = 858 mm

$$\widehat{DF} = \frac{179}{360} \times \pi \times 858 \times 2 = 2680,51 \text{ mm}$$



Rayon = 3 hm

$$\widehat{GJ} = \frac{147}{360} \times \pi \times 3 \times 2 = 7,7 \text{ hm}$$



Diamètre = 16 m

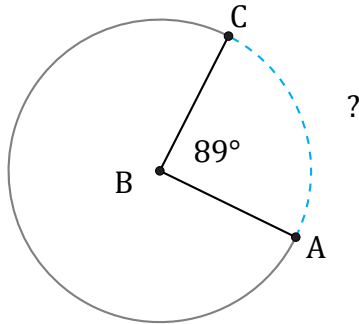
$$\widehat{RT} = \frac{77}{360} \times \pi \times 16 = 10,75 \text{ m}$$

Longueurs d'un Arc de Cercle (H)

Nom: _____

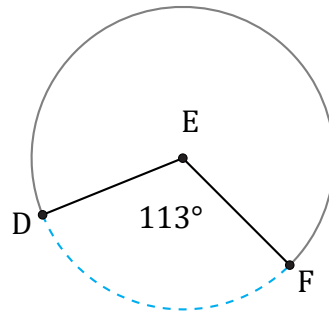
Date: _____

Calculez la longueur de l'angle du cercle.



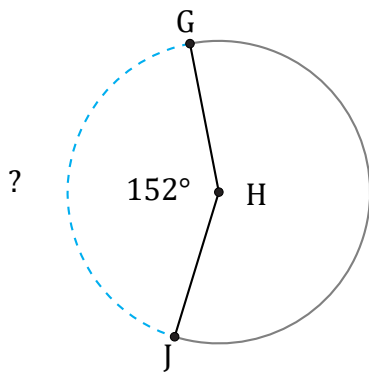
Diamètre = 602 hm

$\widehat{AC} =$



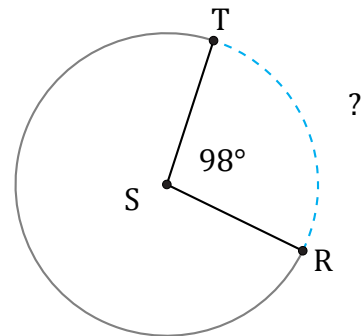
Diamètre = 14 m

$\widehat{DF} =$



Rayon = 10 cm

$\widehat{GJ} =$



Rayon = 3 m

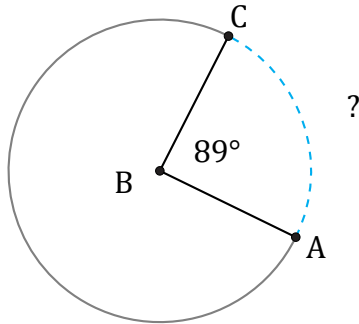
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (H) Réponses

Nom: _____

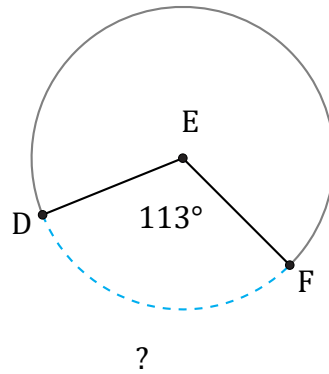
Date: _____

Calculez la longueur de l'angle du cercle.



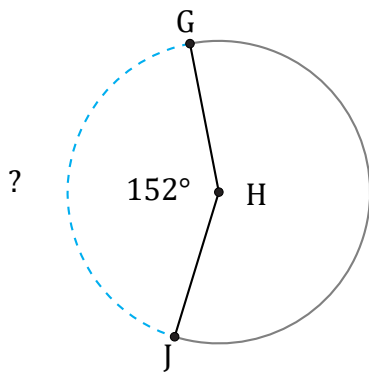
Diamètre = 602 hm

$$\widehat{AC} = \frac{89}{360} \times \pi \times 602 = 467,56 \text{ hm}$$



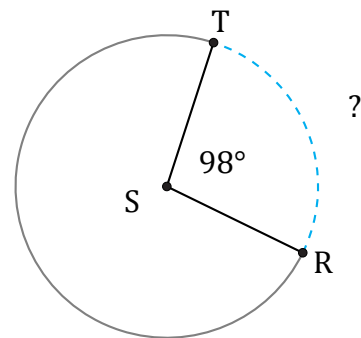
Diamètre = 14 m

$$\widehat{DF} = \frac{113}{360} \times \pi \times 14 = 13,81 \text{ m}$$



Rayon = 10 cm

$$\widehat{GJ} = \frac{152}{360} \times \pi \times 10 \times 2 = 26,53 \text{ cm}$$



Rayon = 3 m

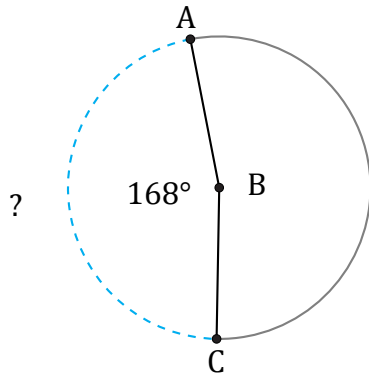
$$\widehat{RT} = \frac{98}{360} \times \pi \times 3 \times 2 = 5,13 \text{ m}$$

Longueurs d'un Arc de Cercle (I)

Nom: _____

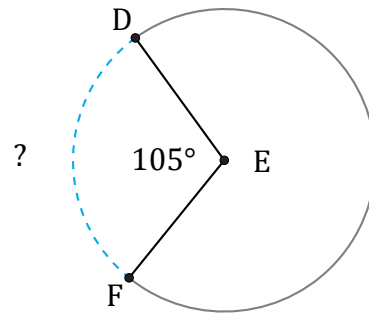
Date: _____

Calculez la longueur de l'angle du cercle.



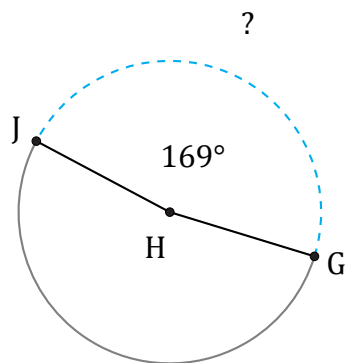
Rayon = 3 hm

$\widehat{AC} =$



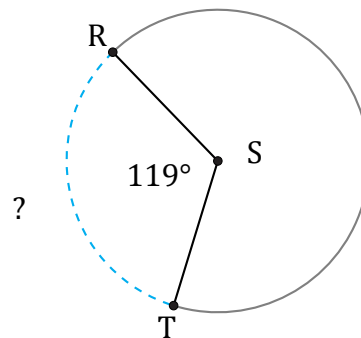
Diamètre = 48 dm

$\widehat{DF} =$



Diamètre = 12 km

$\widehat{Gj} =$



Rayon = 2 dm

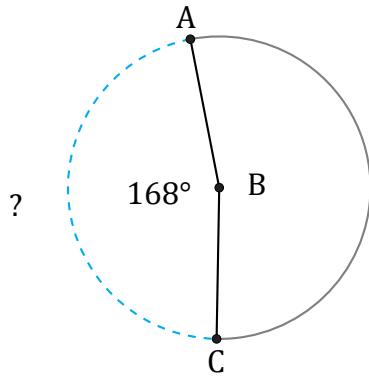
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (I) Réponses

Nom: _____

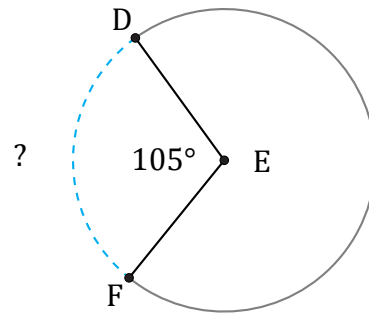
Date: _____

Calculez la longueur de l'angle du cercle.



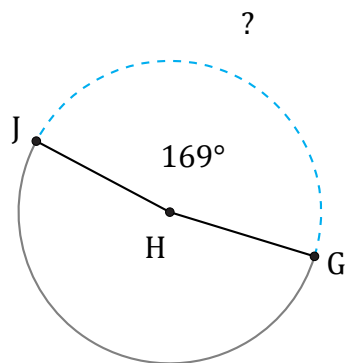
Rayon = 3 hm

$$\widehat{AC} = \frac{168}{360} \times \pi \times 3 \times 2 = 8,8 \text{ hm}$$



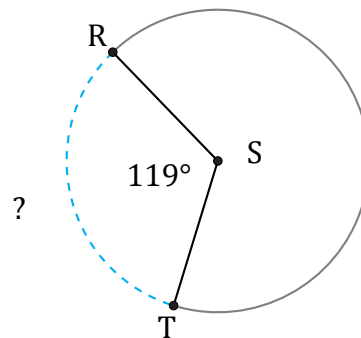
Diamètre = 48 dm

$$\widehat{DF} = \frac{105}{360} \times \pi \times 48 = 43,98 \text{ dm}$$



Diamètre = 12 km

$$\widehat{GJ} = \frac{169}{360} \times \pi \times 12 = 17,7 \text{ km}$$



Rayon = 2 dm

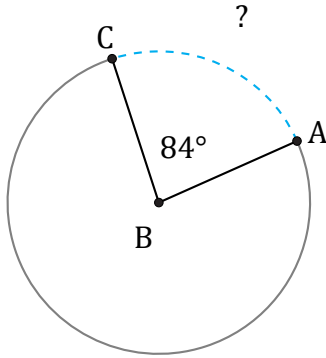
$$\widehat{RT} = \frac{119}{360} \times \pi \times 2 \times 2 = 4,15 \text{ dm}$$

Longueurs d'un Arc de Cercle (J)

Nom: _____

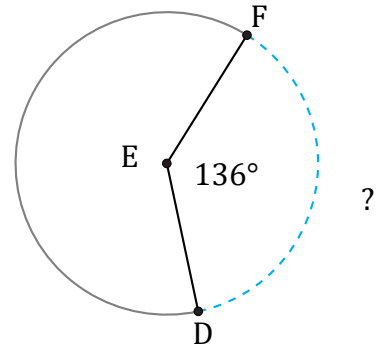
Date: _____

Calculez la longueur de l'angle du cercle.



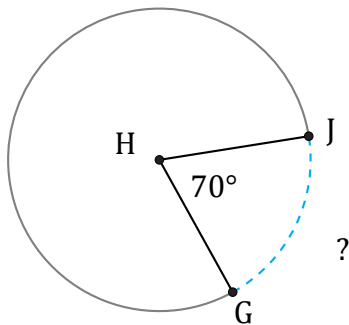
Rayon = 596 hm

$\widehat{AC} =$



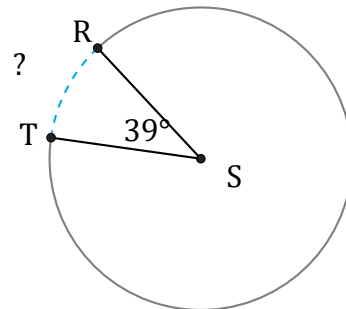
Rayon = 8 po

$\widehat{DF} =$



Diamètre = 8 km

$\widehat{GJ} =$



Diamètre = 1500 m

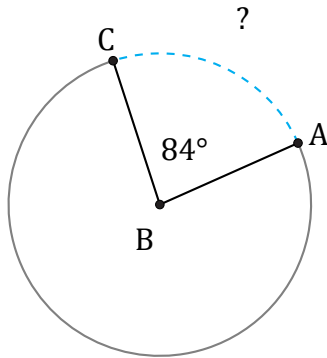
$\widehat{RT} =$

Longueurs d'un Arc de Cercle (J) Réponses

Nom: _____

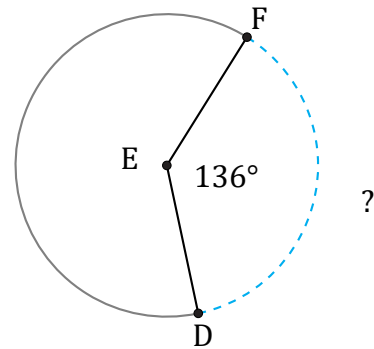
Date: _____

Calculez la longueur de l'angle du cercle.



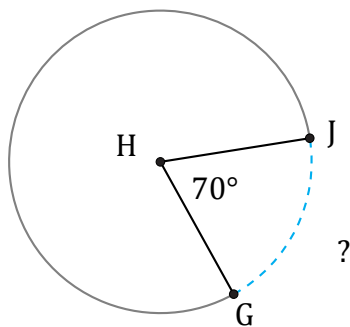
Rayon = 596 hm

$$\widehat{AC} = \frac{84}{360} \times \pi \times 596 \times 2 = 873,78 \text{ hm}$$



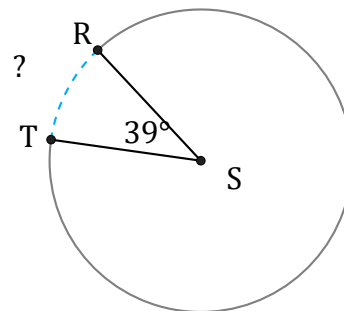
Rayon = 8 po

$$\widehat{DF} = \frac{136}{360} \times \pi \times 8 \times 2 = 18,99 \text{ po}$$



Diamètre = 8 km

$$\widehat{GJ} = \frac{70}{360} \times \pi \times 8 = 4,89 \text{ km}$$



Diamètre = 1500 m

$$\widehat{RT} = \frac{39}{360} \times \pi \times 1500 = 510,51 \text{ m}$$