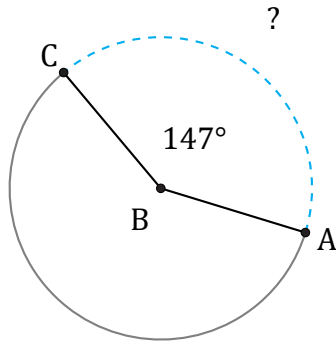


Arc Length (A)

Name: _____

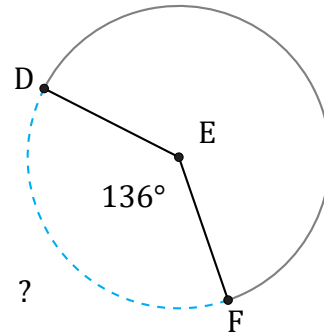
Date: _____

Calculate each arc length.



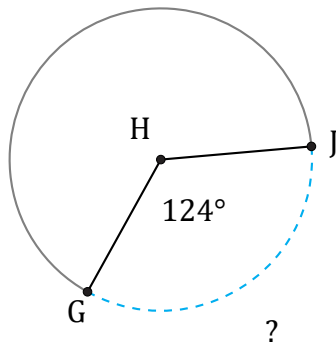
Circumference = 6232.92 in

$\widehat{AC} =$



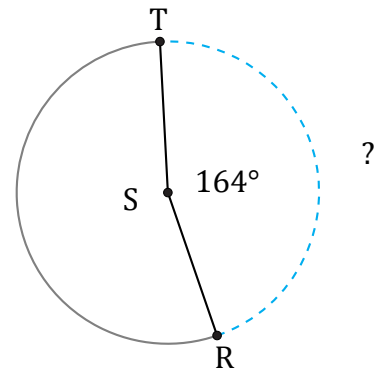
Circumference = 408.41 km

$\widehat{DF} =$



Circumference = 18.85 mi

$\widehat{GJ} =$



Circumference = 226.19 in

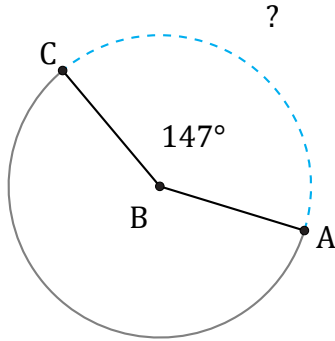
$\widehat{RT} =$

Arc Length (A) Answers

Name: _____

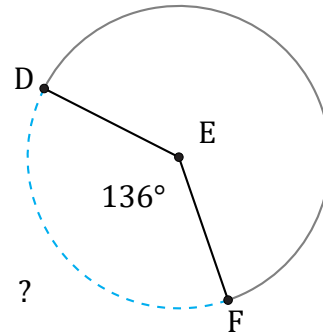
Date: _____

Calculate each arc length.



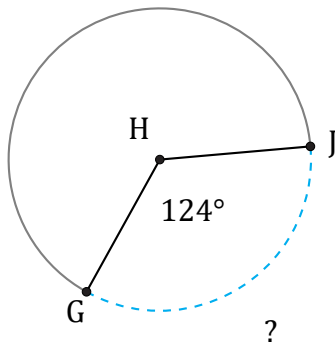
Circumference = 6232.92 in

$$\widehat{AC} = \frac{147}{360} \times 6232.92 = 2545.11 \text{ in}$$



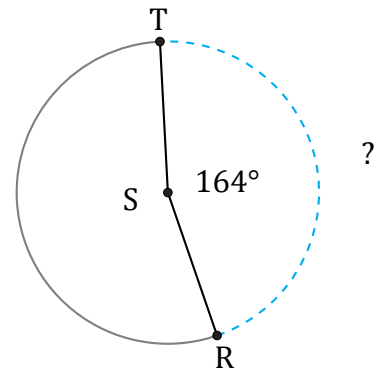
Circumference = 408.41 km

$$\widehat{DF} = \frac{136}{360} \times 408.41 = 154.29 \text{ km}$$



Circumference = 18.85 mi

$$\widehat{GJ} = \frac{124}{360} \times 18.85 = 6.49 \text{ mi}$$



Circumference = 226.19 in

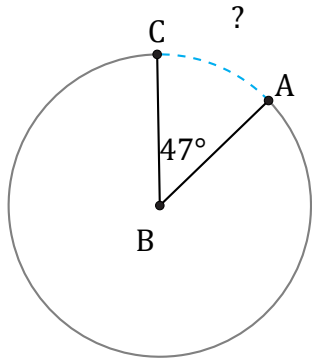
$$\widehat{RT} = \frac{164}{360} \times 226.19 = 103.04 \text{ in}$$

Arc Length (B)

Name: _____

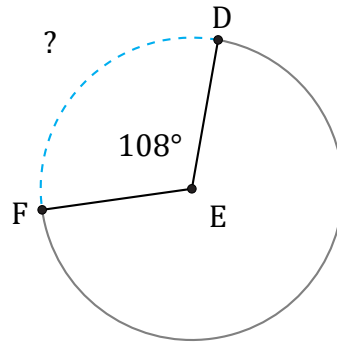
Date: _____

Calculate each arc length.



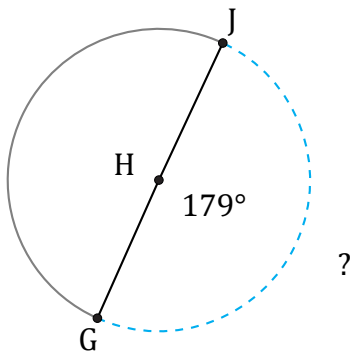
Circumference = 131.95 mi

$\widehat{AC} =$



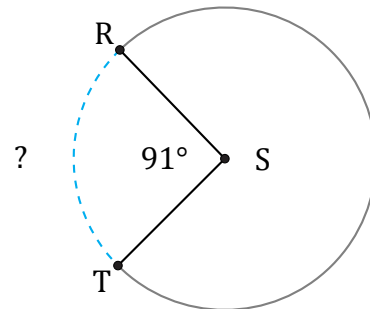
Circumference = 25.13 m

$\widehat{DF} =$



Circumference = 6.28 mm

$\widehat{GJ} =$



Circumference = 5108.23 m

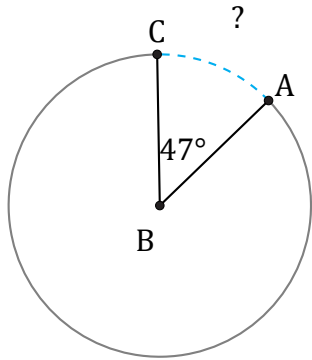
$\widehat{RT} =$

Arc Length (B) Answers

Name: _____

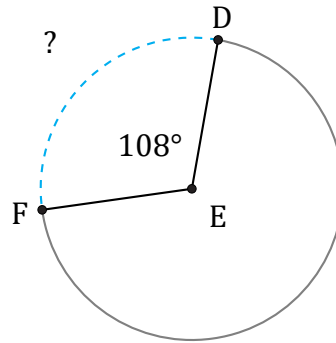
Date: _____

Calculate each arc length.



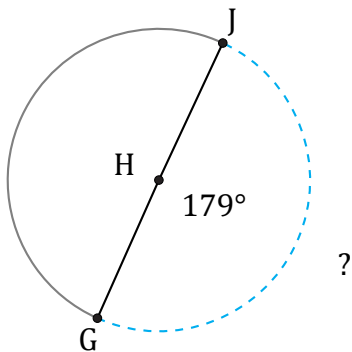
Circumference = 131.95 mi

$$\widehat{AC} = \frac{47}{360} \times 131.95 = 17.23 \text{ mi}$$



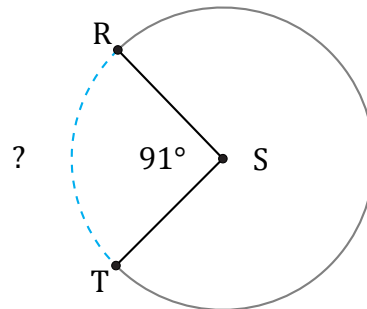
Circumference = 25.13 m

$$\widehat{DF} = \frac{108}{360} \times 25.13 = 7.54 \text{ m}$$



Circumference = 6.28 mm

$$\widehat{GJ} = \frac{179}{360} \times 6.28 = 3.12 \text{ mm}$$



Circumference = 5108.23 m

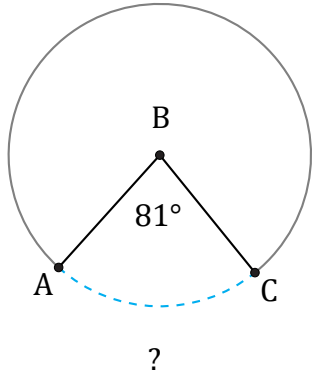
$$\widehat{RT} = \frac{91}{360} \times 5108.23 = 1291.25 \text{ m}$$

Arc Length (C)

Name: _____

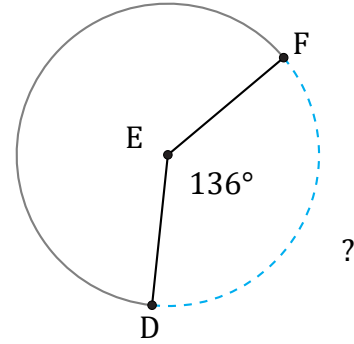
Date: _____

Calculate each arc length.



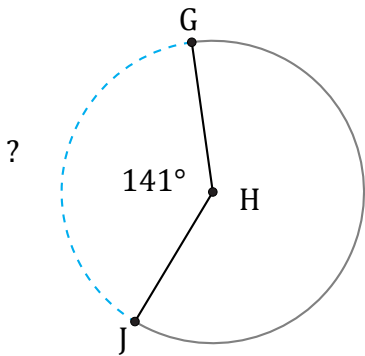
Circumference = 113.1 AU

$\widehat{AC} =$



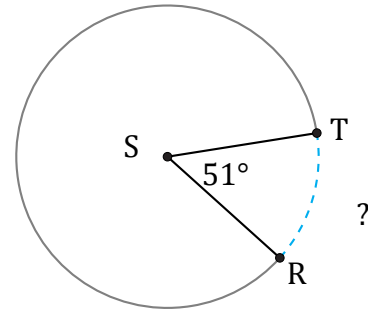
Circumference = 4800.35 in

$\widehat{DF} =$



Circumference = 4844.34 ft

$\widehat{GJ} =$



Circumference = 18.85 mm

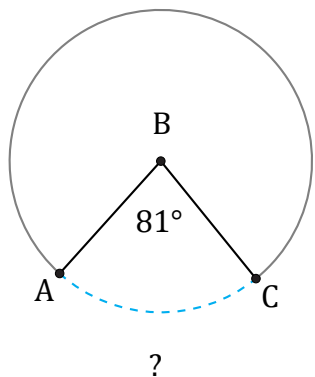
$\widehat{RT} =$

Arc Length (C) Answers

Name: _____

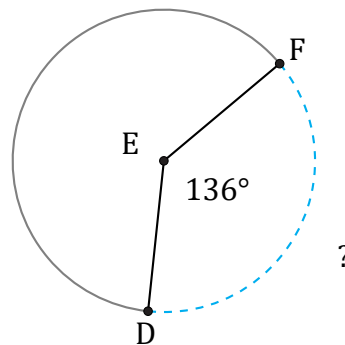
Date: _____

Calculate each arc length.



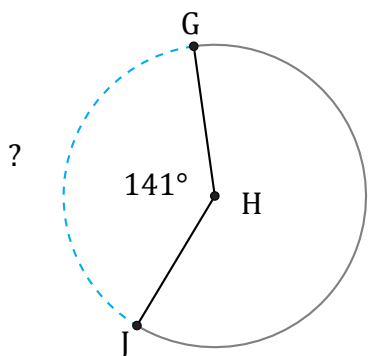
Circumference = 113.1 AU

$$\widehat{AC} = \frac{81}{360} \times 113.1 = 25.45 \text{ AU}$$



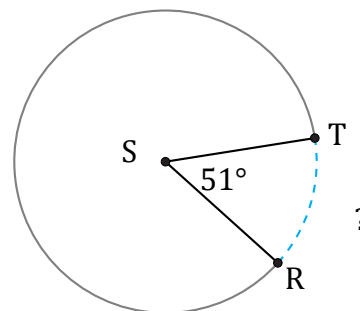
Circumference = 4800.35 in

$$\widehat{DF} = \frac{136}{360} \times 4800.35 = 1813.47 \text{ in}$$



Circumference = 4844.34 ft

$$\widehat{GJ} = \frac{141}{360} \times 4844.34 = 1897.37 \text{ ft}$$



Circumference = 18.85 mm

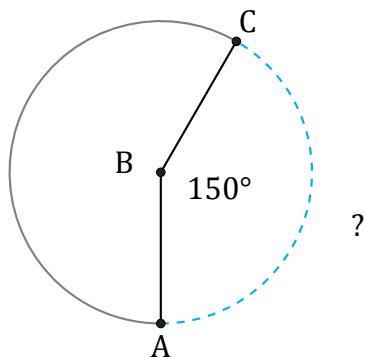
$$\widehat{RT} = \frac{51}{360} \times 18.85 = 2.67 \text{ mm}$$

Arc Length (D)

Name: _____

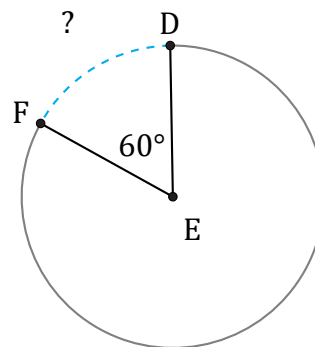
Date: _____

Calculate each arc length.



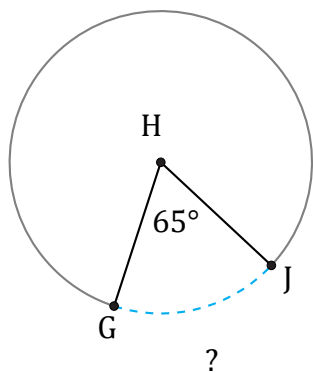
Circumference = 1979.2 in

$\widehat{AC} =$



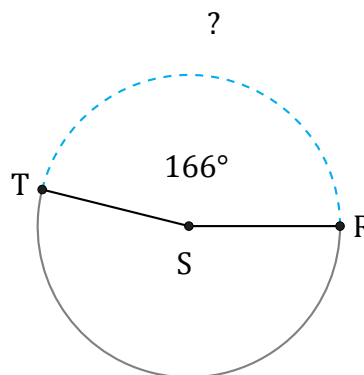
Circumference = 2463.01 km

$\widehat{DF} =$



Circumference = 1363.45 ft

$\widehat{GJ} =$



Circumference = 1614.78 km

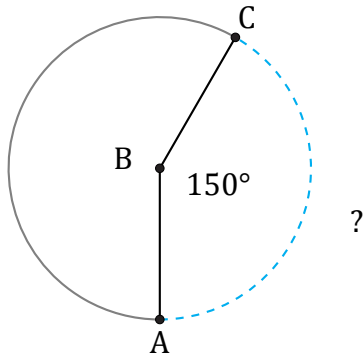
$\widehat{RT} =$

Arc Length (D) Answers

Name: _____

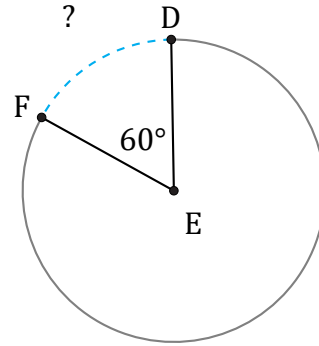
Date: _____

Calculate each arc length.



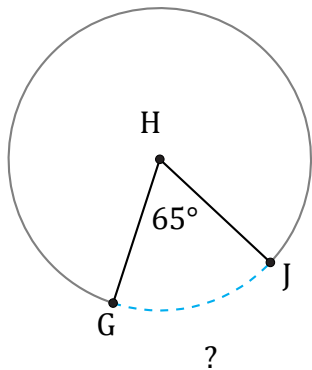
Circumference = 1979.2 in

$$\widehat{AC} = \frac{150}{360} \times 1979.2 = 824.67 \text{ in}$$



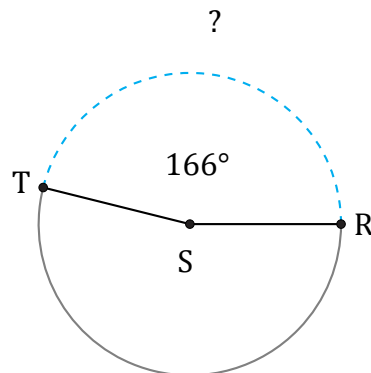
Circumference = 2463.01 km

$$\widehat{DF} = \frac{60}{360} \times 2463.01 = 410.5 \text{ km}$$



Circumference = 1363.45 ft

$$\widehat{GJ} = \frac{65}{360} \times 1363.45 = 246.18 \text{ ft}$$



Circumference = 1614.78 km

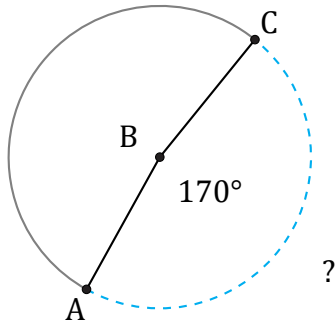
$$\widehat{RT} = \frac{166}{360} \times 1614.78 = 744.59 \text{ km}$$

Arc Length (E)

Name: _____

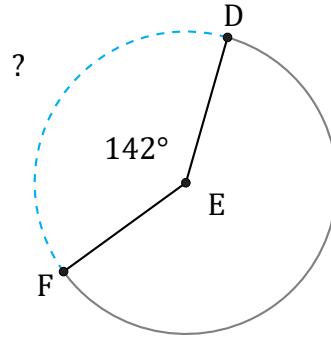
Date: _____

Calculate each arc length.



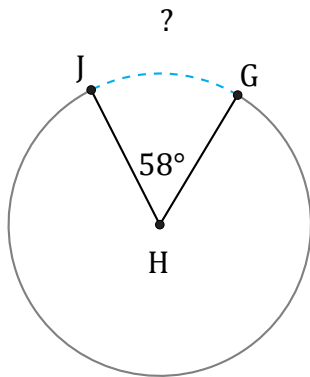
Circumference = 3110.18 in

$\widehat{AC} =$



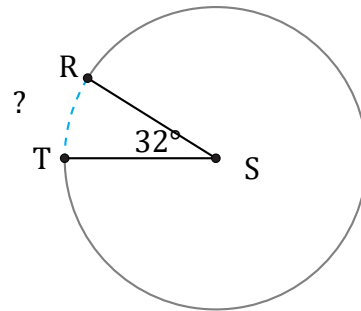
Circumference = 125.66 mi

$\widehat{DF} =$



Circumference = 56.55 m

$\widehat{GJ} =$



Circumference = 2381.33 ft

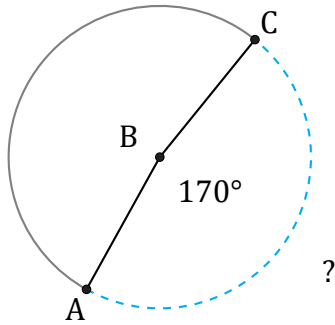
$\widehat{RT} =$

Arc Length (E) Answers

Name: _____

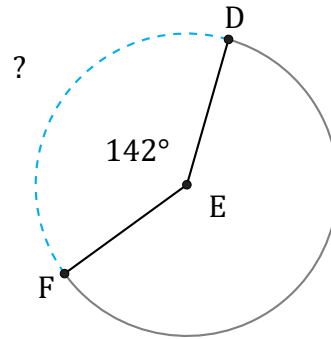
Date: _____

Calculate each arc length.



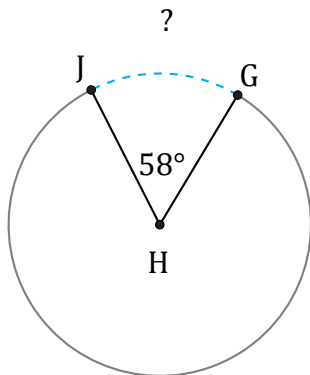
Circumference = 3110.18 in

$$\widehat{AC} = \frac{170}{360} \times 3110.18 = 1468.7 \text{ in}$$



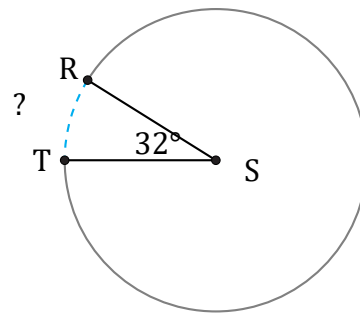
Circumference = 125.66 mi

$$\widehat{DF} = \frac{142}{360} \times 125.66 = 49.57 \text{ mi}$$



Circumference = 56.55 m

$$\widehat{GJ} = \frac{58}{360} \times 56.55 = 9.11 \text{ m}$$



Circumference = 2381.33 ft

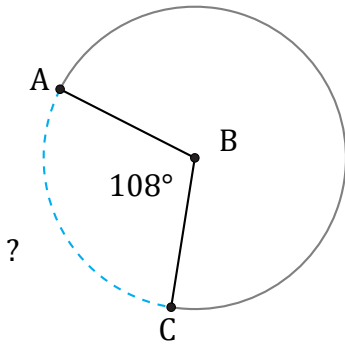
$$\widehat{RT} = \frac{32}{360} \times 2381.33 = 211.67 \text{ ft}$$

Arc Length (F)

Name: _____

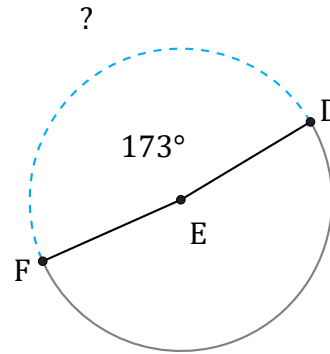
Date: _____

Calculate each arc length.



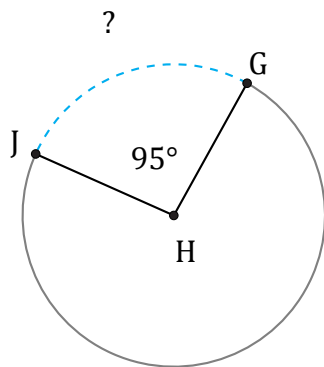
Circumference = 2557.26 mm

$\widehat{AC} =$



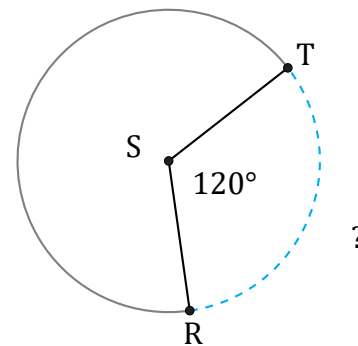
Circumference = 188.5 cm

$\widehat{DF} =$



Circumference = 4523.89 in

$\widehat{GJ} =$



Circumference = 18.85 mm

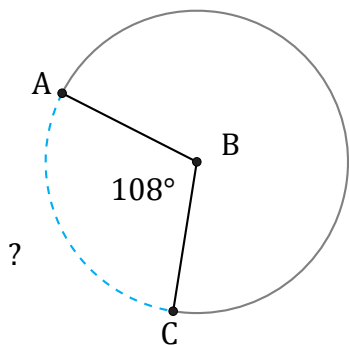
$\widehat{RT} =$

Arc Length (F) Answers

Name: _____

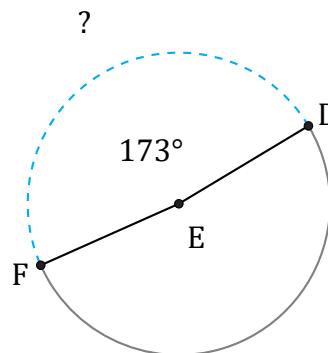
Date: _____

Calculate each arc length.



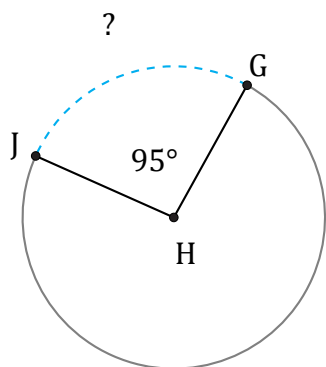
Circumference = 2557.26 mm

$$\widehat{AC} = \frac{108}{360} \times 2557.26 = 767.18 \text{ mm}$$



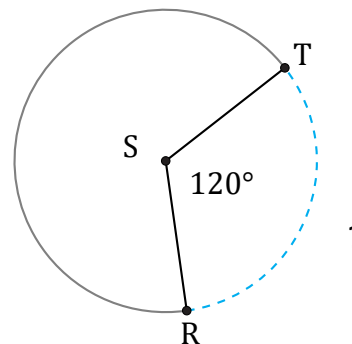
Circumference = 188.5 cm

$$\widehat{DF} = \frac{173}{360} \times 188.5 = 90.58 \text{ cm}$$



Circumference = 4523.89 in

$$\widehat{GJ} = \frac{95}{360} \times 4523.89 = 1193.8 \text{ in}$$



Circumference = 18.85 mm

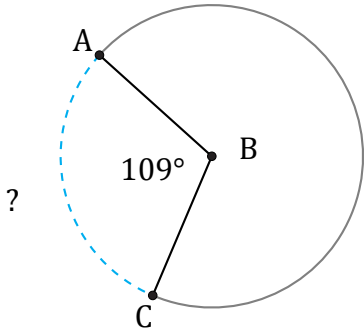
$$\widehat{RT} = \frac{120}{360} \times 18.85 = 6.28 \text{ mm}$$

Arc Length (G)

Name: _____

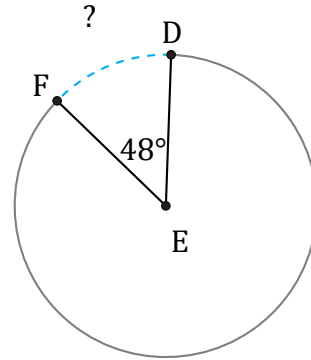
Date: _____

Calculate each arc length.



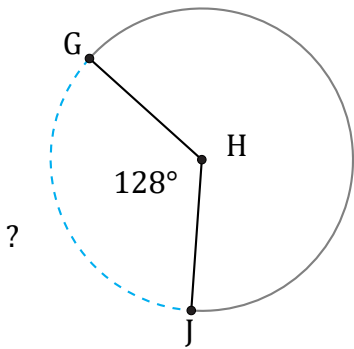
Circumference = 5284.16 ft

$\widehat{AC} =$



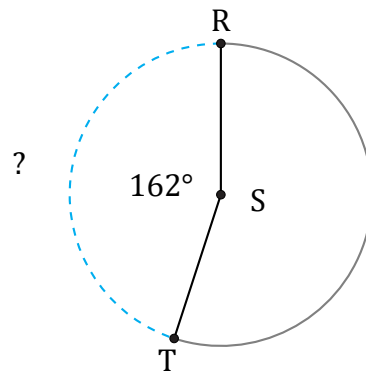
Circumference = 289.03 mm

$\widehat{DF} =$



Circumference = 182.21 cm

$\widehat{GJ} =$



Circumference = 3185.57 mi

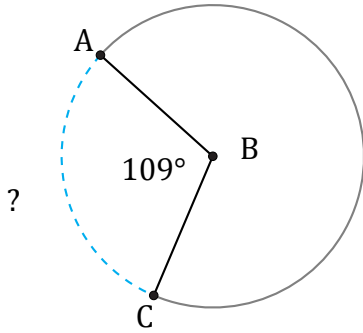
$\widehat{RT} =$

Arc Length (G) Answers

Name: _____

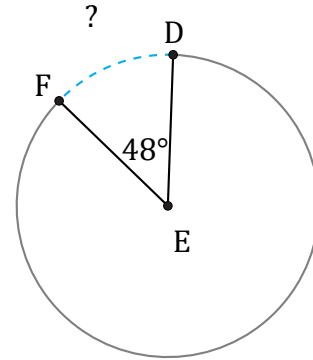
Date: _____

Calculate each arc length.



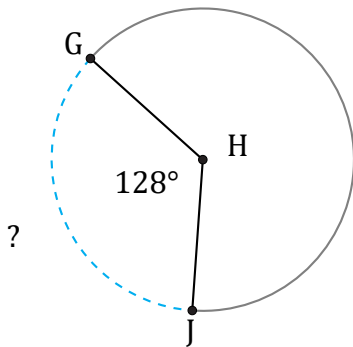
Circumference = 5284.16 ft

$$\widehat{AC} = \frac{109}{360} \times 5284.16 = 1599.93 \text{ ft}$$



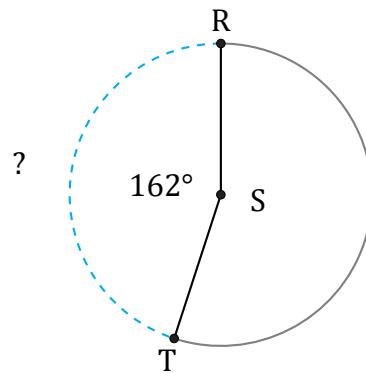
Circumference = 289.03 mm

$$\widehat{DF} = \frac{48}{360} \times 289.03 = 38.54 \text{ mm}$$



Circumference = 182.21 cm

$$\widehat{GJ} = \frac{128}{360} \times 182.21 = 64.79 \text{ cm}$$



Circumference = 3185.57 mi

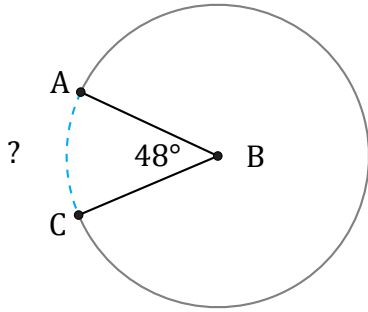
$$\widehat{RT} = \frac{162}{360} \times 3185.57 = 1433.51 \text{ mi}$$

Arc Length (H)

Name: _____

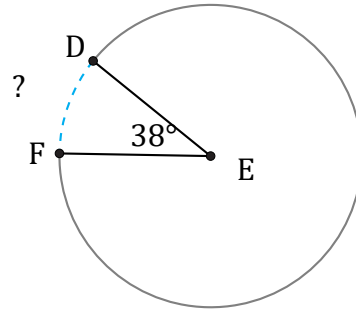
Date: _____

Calculate each arc length.



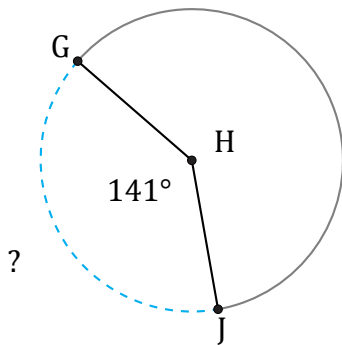
Circumference = 4850.62 km

$\widehat{AC} =$



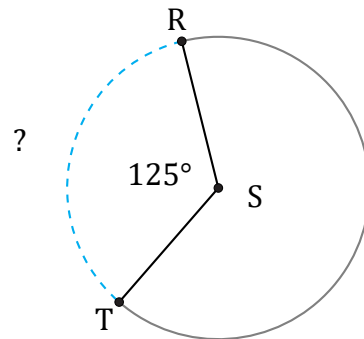
Circumference = 31.42 km

$\widehat{DF} =$



Circumference = 138.23 ft

$\widehat{GJ} =$



Circumference = 94.25 AU

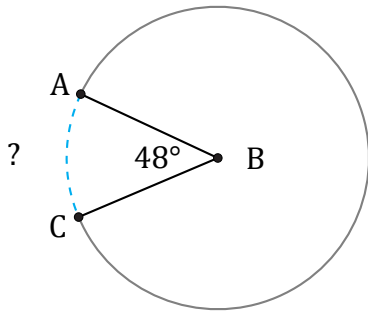
$\widehat{RT} =$

Arc Length (H) Answers

Name: _____

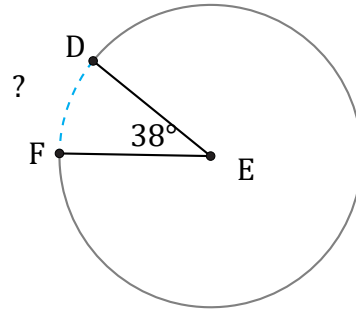
Date: _____

Calculate each arc length.



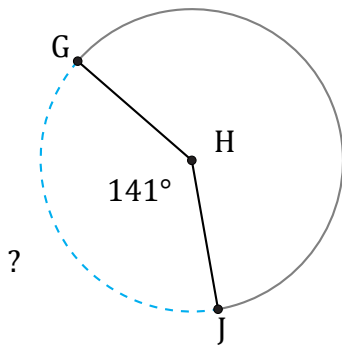
Circumference = 4850.62 km

$$\widehat{AC} = \frac{48}{360} \times 4850.62 = 646.75 \text{ km}$$



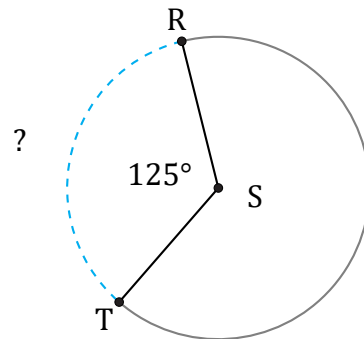
Circumference = 31.42 km

$$\widehat{DF} = \frac{38}{360} \times 31.42 = 3.32 \text{ km}$$



Circumference = 138.23 ft

$$\widehat{GJ} = \frac{141}{360} \times 138.23 = 54.14 \text{ ft}$$



Circumference = 94.25 AU

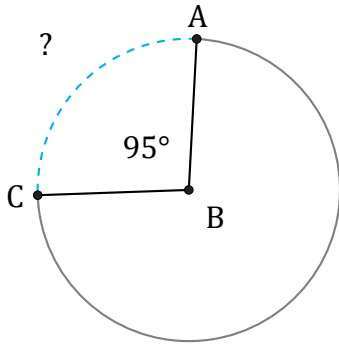
$$\widehat{RT} = \frac{125}{360} \times 94.25 = 32.73 \text{ AU}$$

Arc Length (I)

Name: _____

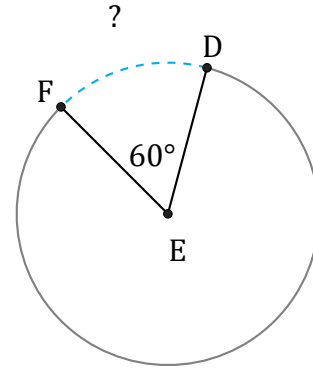
Date: _____

Calculate each arc length.



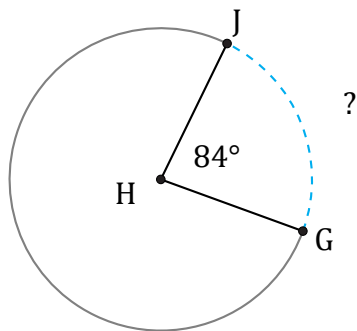
Circumference = 710 m

$\widehat{AC} =$



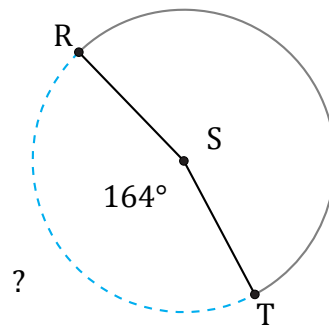
Circumference = 3989.82 in

$\widehat{DF} =$



Circumference = 94.25 mm

$\widehat{GJ} =$



Circumference = 56.55 AU

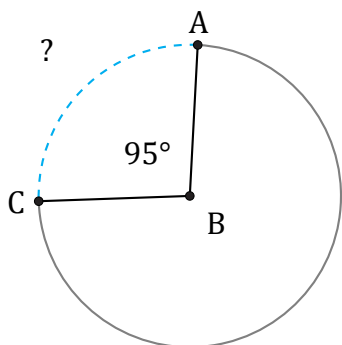
$\widehat{RT} =$

Arc Length (I) Answers

Name: _____

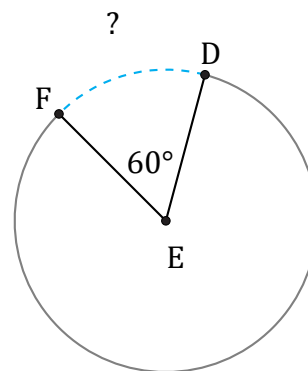
Date: _____

Calculate each arc length.



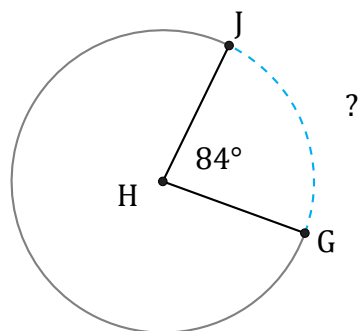
Circumference = 710 m

$$\widehat{AC} = \frac{95}{360} \times 710 = 187.36 \text{ m}$$



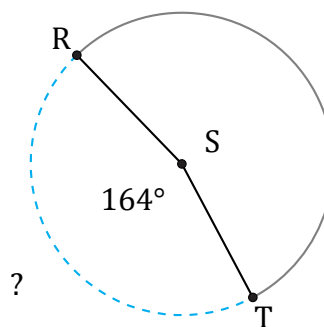
Circumference = 3989.82 in

$$\widehat{DF} = \frac{60}{360} \times 3989.82 = 664.97 \text{ in}$$



Circumference = 94.25 mm

$$\widehat{GJ} = \frac{84}{360} \times 94.25 = 21.99 \text{ mm}$$



Circumference = 56.55 AU

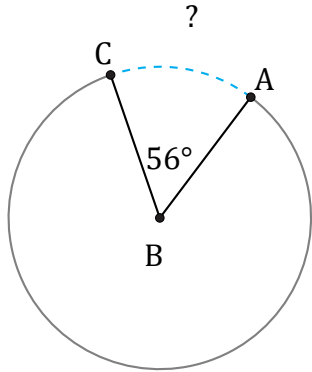
$$\widehat{RT} = \frac{164}{360} \times 56.55 = 25.76 \text{ AU}$$

Arc Length (J)

Name: _____

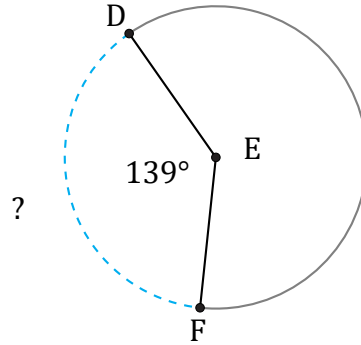
Date: _____

Calculate each arc length.



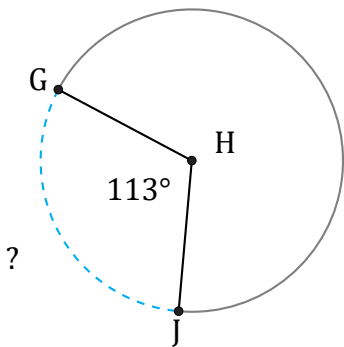
Circumference = 4360.53 mi

$\widehat{AC} =$



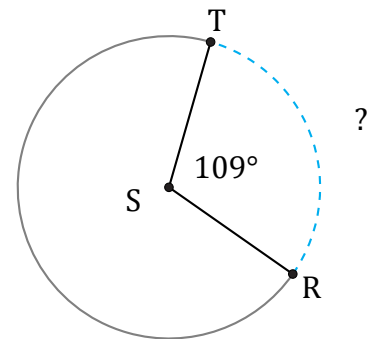
Circumference = 4272.57 km

$\widehat{DF} =$



Circumference = 929.91 mm

$\widehat{GJ} =$



Circumference = 251.33 in

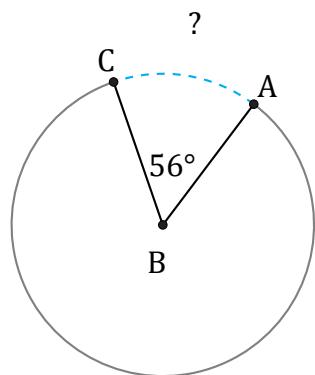
$\widehat{RT} =$

Arc Length (J) Answers

Name: _____

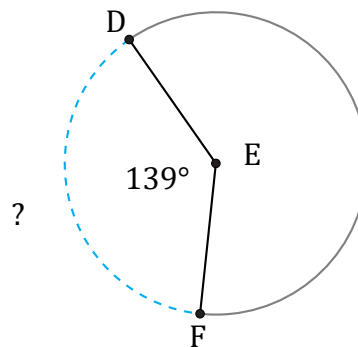
Date: _____

Calculate each arc length.



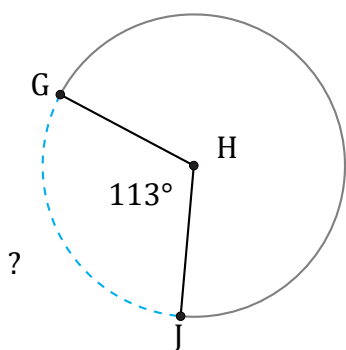
Circumference = 4360.53 mi

$$\widehat{AC} = \frac{56}{360} \times 4360.53 = 678.3 \text{ mi}$$



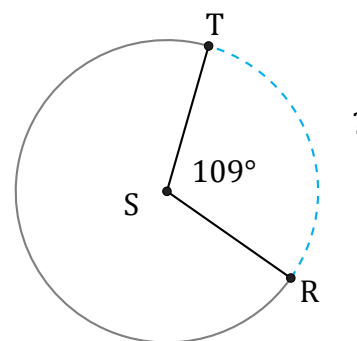
Circumference = 4272.57 km

$$\widehat{DF} = \frac{139}{360} \times 4272.57 = 1649.69 \text{ km}$$



Circumference = 929.91 mm

$$\widehat{GJ} = \frac{113}{360} \times 929.91 = 291.89 \text{ mm}$$



Circumference = 251.33 in

$$\widehat{RT} = \frac{109}{360} \times 251.33 = 76.1 \text{ in}$$