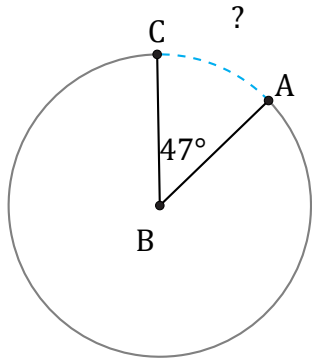


Arc Length (B)

Name: _____

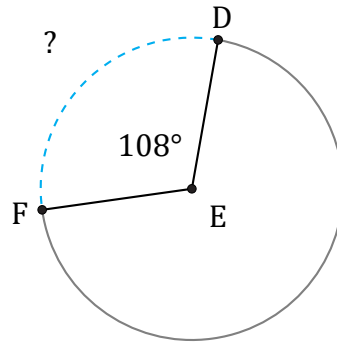
Date: _____

Calculate each arc length.



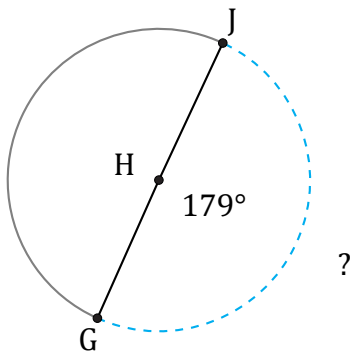
Circumference = 131.95 mi

$\widehat{AC} =$



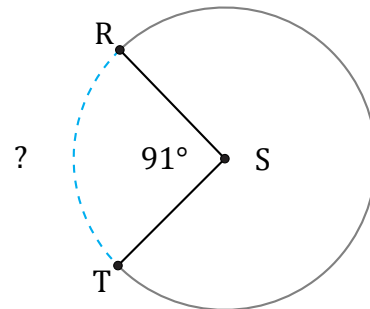
Circumference = 25.13 m

$\widehat{DF} =$



Circumference = 6.28 mm

$\widehat{GJ} =$



Circumference = 5108.23 m

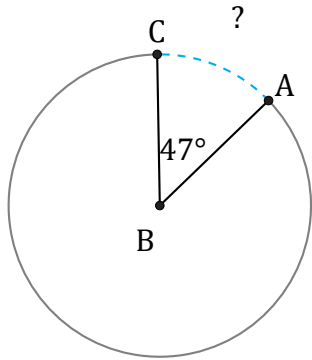
$\widehat{RT} =$

Arc Length (B) Answers

Name: _____

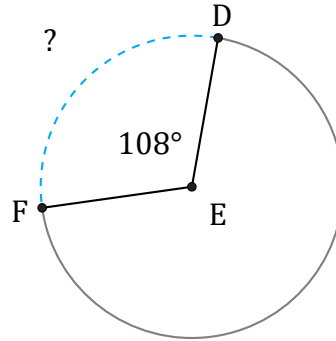
Date: _____

Calculate each arc length.



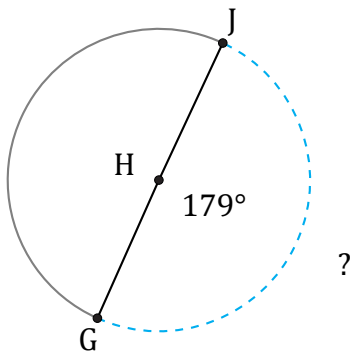
Circumference = 131.95 mi

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



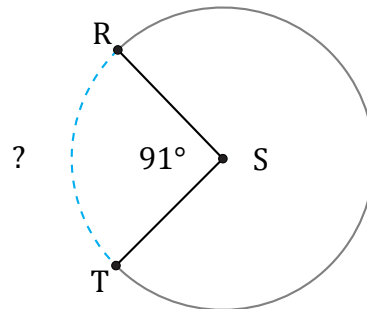
Circumference = 25.13 m

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



Circumference = 6.28 mm

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



Circumference = 5108.23 m

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