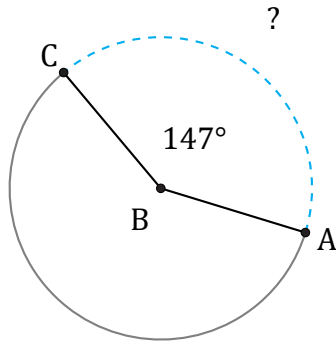


Arc Length (A)

Name: _____

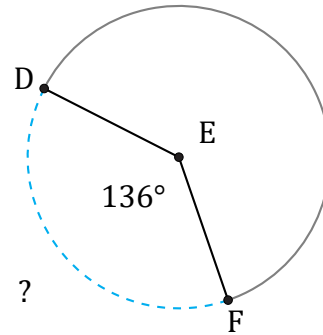
Date: _____

Calculate each arc length.



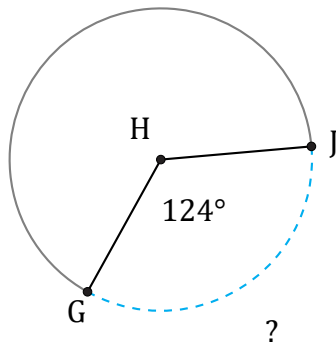
Circumference = 6232.92 in

$\widehat{AC} =$



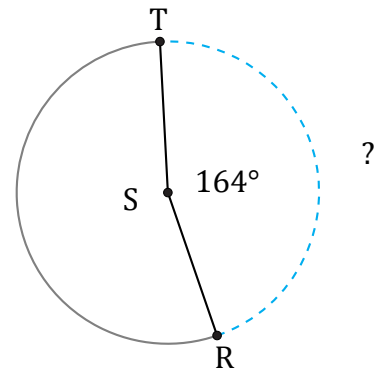
Circumference = 408.41 km

$\widehat{DF} =$



Circumference = 18.85 mi

$\widehat{GJ} =$



Circumference = 226.19 in

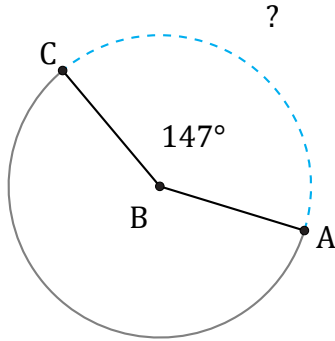
$\widehat{RT} =$

Arc Length (A) Answers

Name: _____

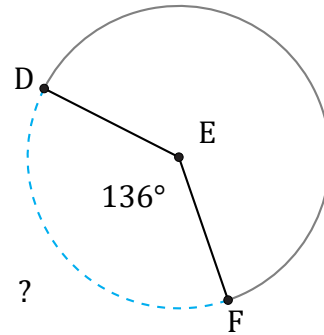
Date: _____

Calculate each arc length.



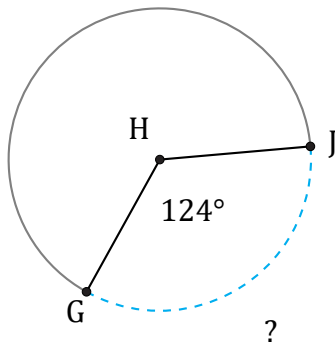
Circumference = 6232.92 in

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



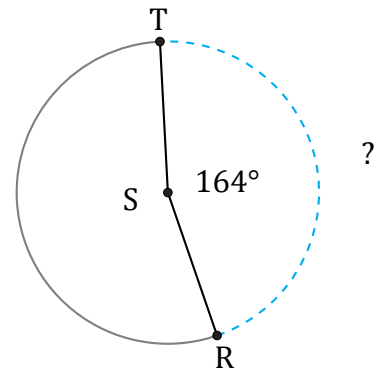
Circumference = 408.41 km

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



Circumference = 18.85 mi

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



Circumference = 226.19 in

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