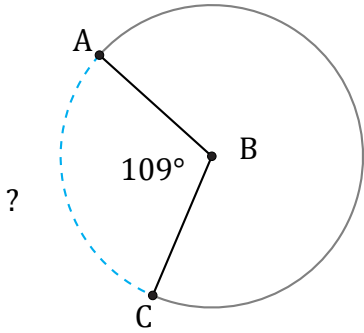


# Arc Length (G)

Name: \_\_\_\_\_

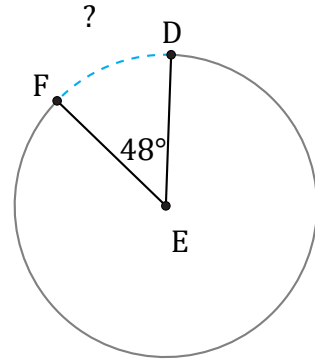
Date: \_\_\_\_\_

Calculate each arc length.



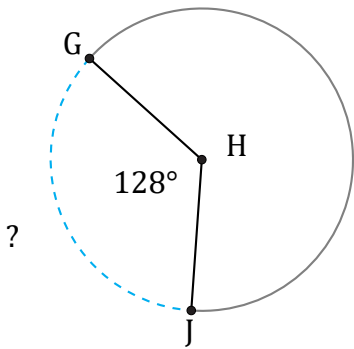
Circumference = 5284.16 ft

$\widehat{AC} =$



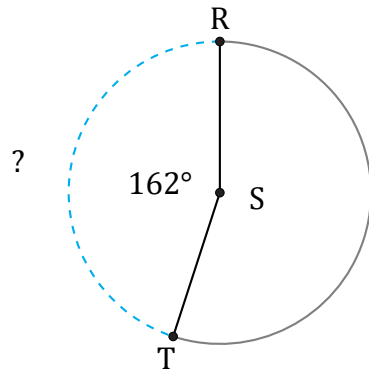
Circumference = 289.03 mm

$\widehat{DF} =$



Circumference = 182.21 cm

$\widehat{GJ} =$



Circumference = 3185.57 mi

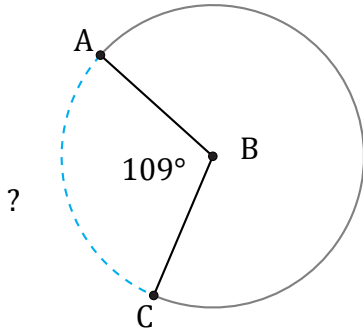
$\widehat{RT} =$

# Arc Length (G) Answers

Name: \_\_\_\_\_

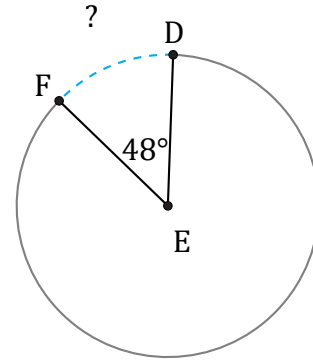
Date: \_\_\_\_\_

Calculate each arc length.



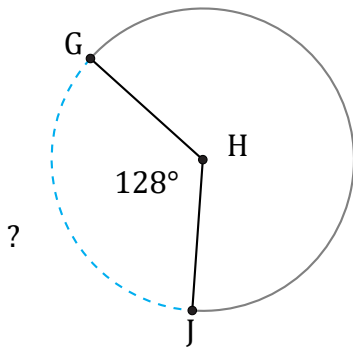
Circumference = 5284.16 ft

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



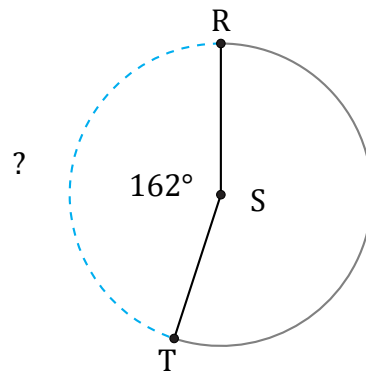
Circumference = 289.03 mm

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



Circumference = 182.21 cm

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



Circumference = 3185.57 mi

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