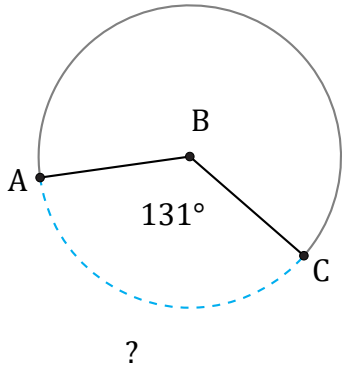


# Arc Length (G)

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

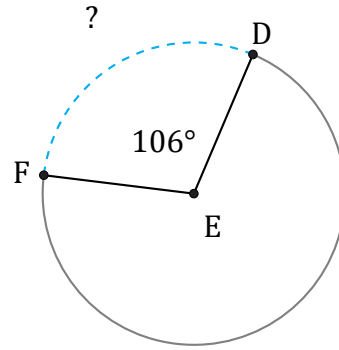
Date: \_\_\_\_\_

Calculate each arc length.



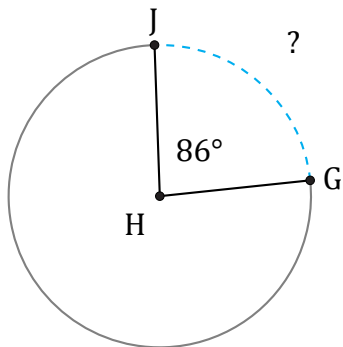
Diameter = 6 cm

$\widehat{AC} =$



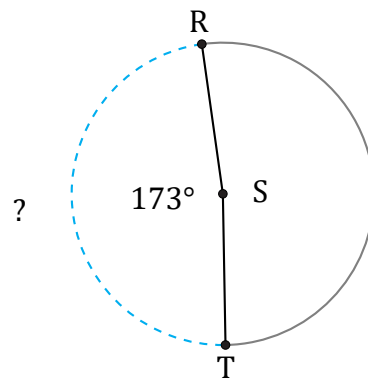
Diameter = 64 m

$\widehat{DF} =$



Diameter = 1294 cm

$\widehat{GJ} =$



Diameter = 650 in

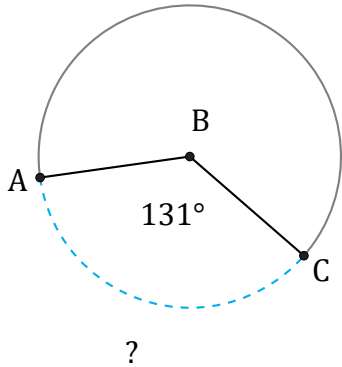
$\widehat{RT} =$

# Arc Length (G) Answers

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

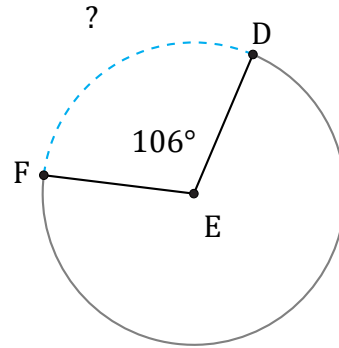
Date: \_\_\_\_\_

Calculate each arc length.



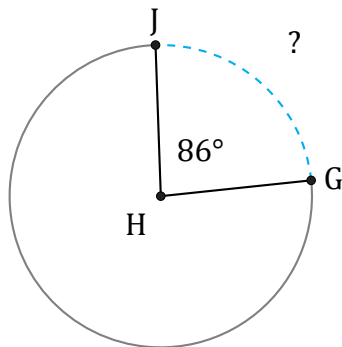
Diameter = 6 cm

$$\widehat{AC} = \frac{131}{360} \times \pi \times 6 = 6.86 \text{ cm}$$



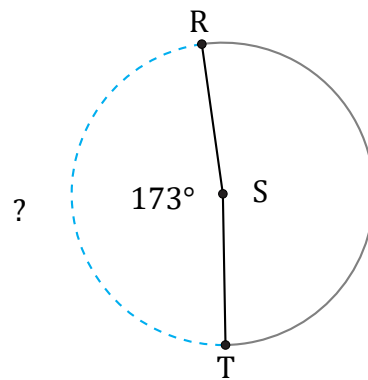
Diameter = 64 m

$$\widehat{DF} = \frac{106}{360} \times \pi \times 64 = 59.2 \text{ m}$$



Diameter = 1294 cm

$$\widehat{GJ} = \frac{86}{360} \times \pi \times 1294 = 971.14 \text{ cm}$$



Diameter = 650 in

$$\widehat{RT} = \frac{173}{360} \times \pi \times 650 = 981.31 \text{ in}$$