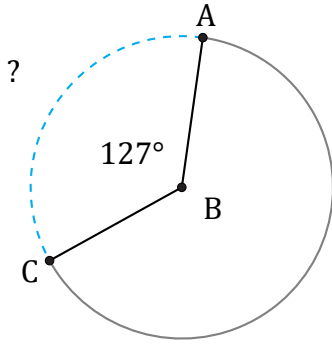


Arc Length (A)

Name: _____

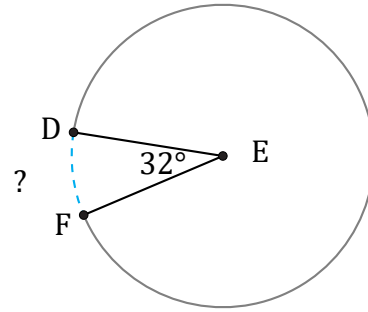
Date: _____

Calculate each arc length.



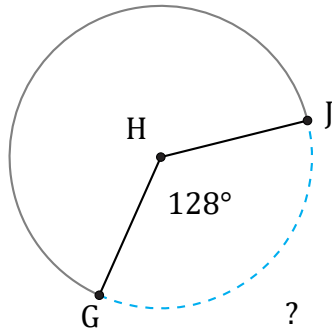
Diameter = 118 cm

$\widehat{AC} =$



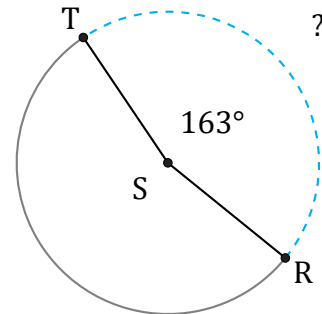
Diameter = 190 AU

$\widehat{DF} =$



Diameter = 20 m

$\widehat{GJ} =$



Diameter = 16 m

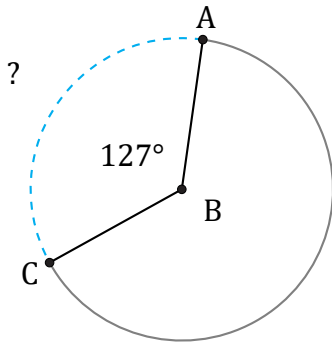
$\widehat{RT} =$

Arc Length (A) Answers

Name: _____

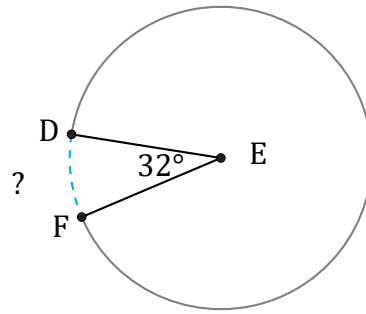
Date: _____

Calculate each arc length.



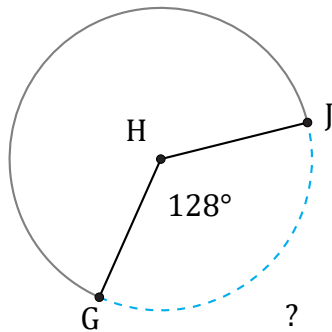
Diameter = 118 cm

$$\widehat{AC} = \frac{127}{360} \times \pi \times 118 = 130.78 \text{ cm}$$



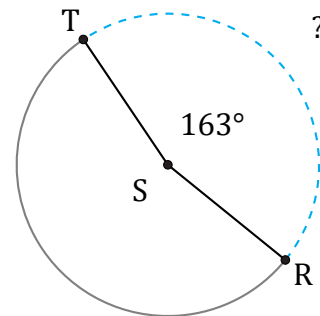
Diameter = 190 AU

$$\widehat{DF} = \frac{32}{360} \times \pi \times 190 = 53.06 \text{ AU}$$



Diameter = 20 m

$$\widehat{GJ} = \frac{128}{360} \times \pi \times 20 = 22.34 \text{ m}$$



Diameter = 16 m

$$\widehat{RT} = \frac{163}{360} \times \pi \times 16 = 22.76 \text{ m}$$