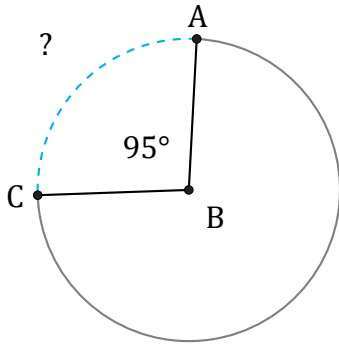


Arc Length (I)

Name: _____

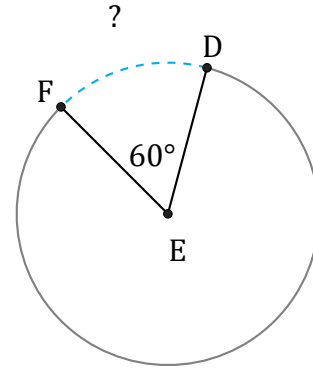
Date: _____

Calculate each arc length.



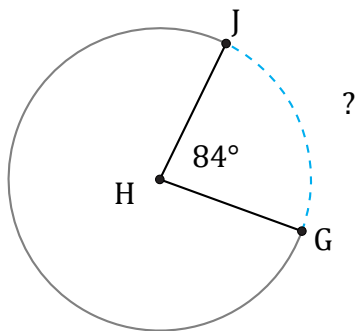
Circumference = 710 m

$\widehat{AC} =$



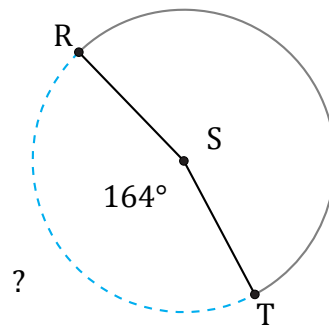
Circumference = 3989.82 in

$\widehat{DF} =$



Circumference = 94.25 mm

$\widehat{GJ} =$



Circumference = 56.55 AU

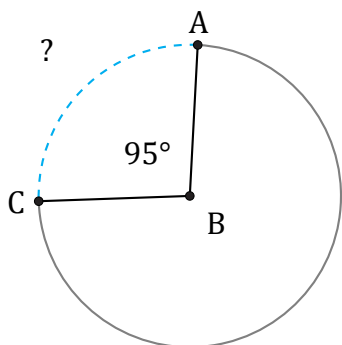
$\widehat{RT} =$

Arc Length (I) Answers

Name: _____

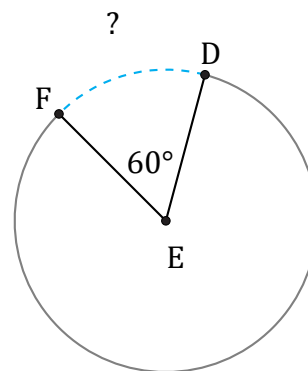
Date: _____

Calculate each arc length.



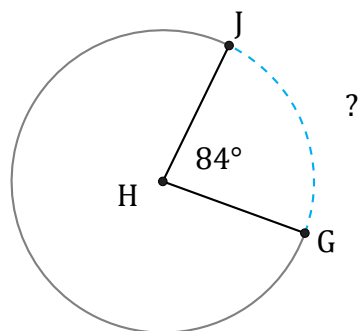
Circumference = 710 m

$$\widehat{AC} = \frac{95}{360} \times 710 = 187.36 \text{ m}$$



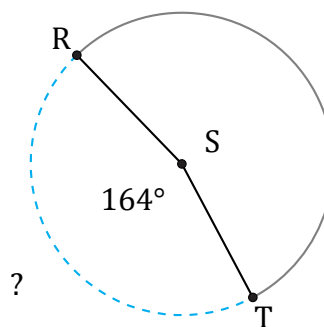
Circumference = 3989.82 in

$$\widehat{DF} = \frac{60}{360} \times 3989.82 = 664.97 \text{ in}$$



Circumference = 94.25 mm

$$\widehat{GJ} = \frac{84}{360} \times 94.25 = 21.99 \text{ mm}$$



Circumference = 56.55 AU

$$\widehat{RT} = \frac{164}{360} \times 56.55 = 25.76 \text{ AU}$$