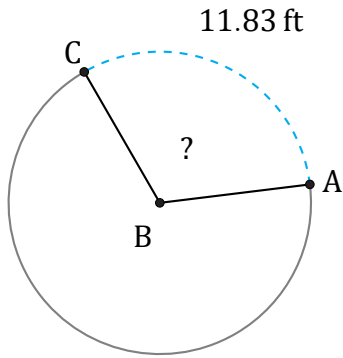


Arc Angles (J)

Name: _____

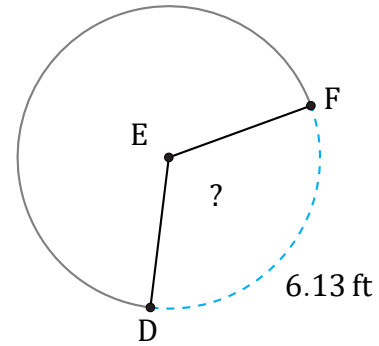
Date: _____

Calculate each arc angle measurement.



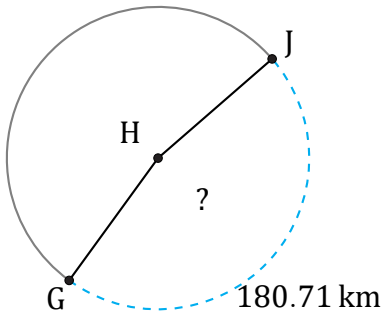
Circumference = 37.7 ft

$\angle ABC =$



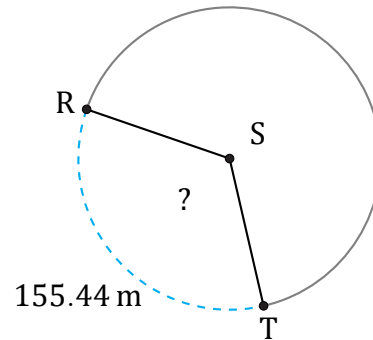
Circumference = 18.85 ft

$\angle DEF =$



Circumference = 389.56 km

$\angle GHJ =$



Circumference = 458.67 m

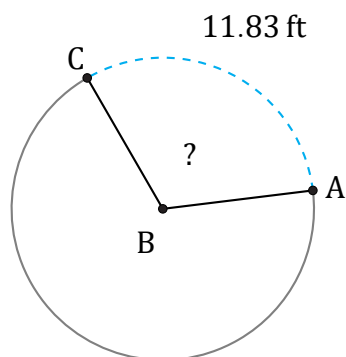
$\angle RST =$

Arc Angles (J) Answers

Name: _____

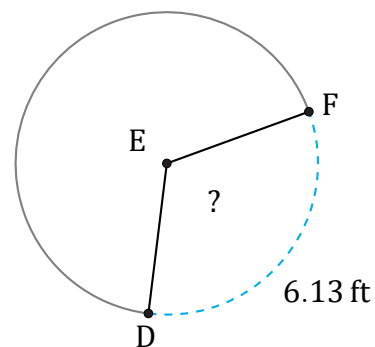
Date: _____

Calculate each arc angle measurement.



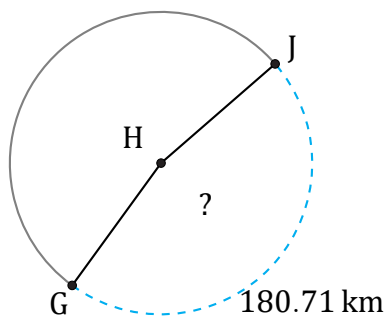
Circumference = 37.7 ft

$$\angle ABC = \frac{11.83}{37.7} \times 360 = 113^\circ$$



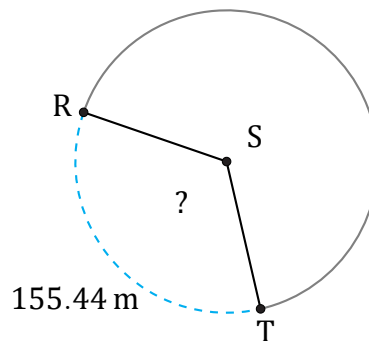
Circumference = 18.85 ft

$$\angle DEF = \frac{6.13}{18.85} \times 360 = 117.1^\circ$$



Circumference = 389.56 km

$$\angle GHJ = \frac{180.71}{389.56} \times 360 = 167^\circ$$



Circumference = 458.67 m

$$\angle RST = \frac{155.44}{458.67} \times 360 = 122^\circ$$