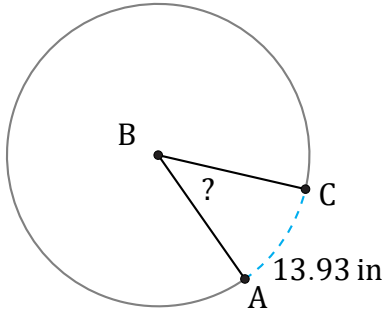


Arc Angles (E)

Name: _____

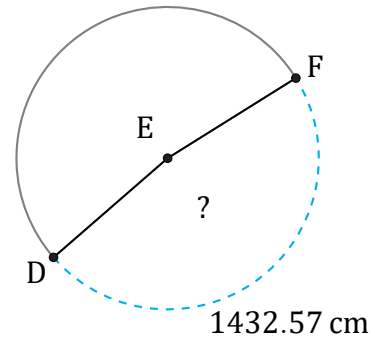
Date: _____

Calculate each arc angle measurement.



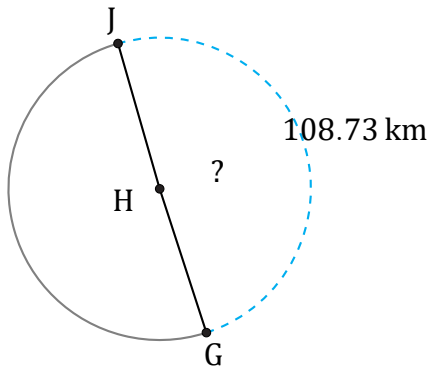
Circumference = 119.38 in

$\angle ABC =$



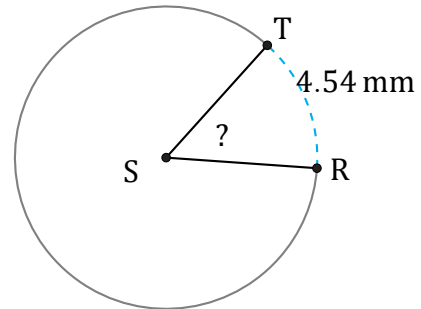
Circumference = 3015.93 cm

$\angle DEF =$



Circumference = 219.91 km

$\angle GHJ =$



Circumference = 31.42 mm

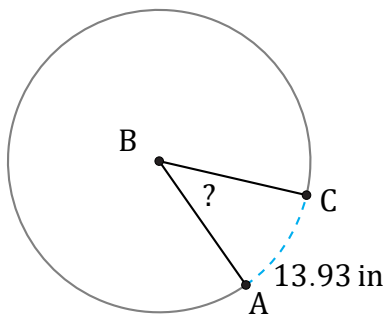
$\angle RST =$

Arc Angles (E) Answers

Name: _____

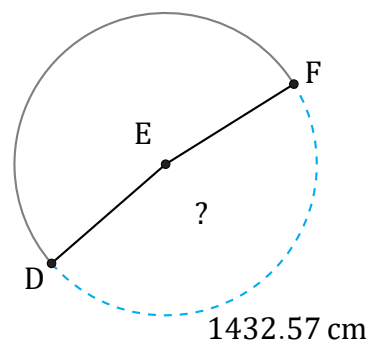
Date: _____

Calculate each arc angle measurement.



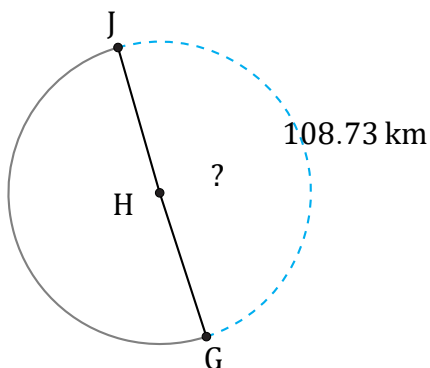
Circumference = 119.38 in

$$\angle ABC = \frac{13.93}{119.38} \times 360 = 42^\circ$$



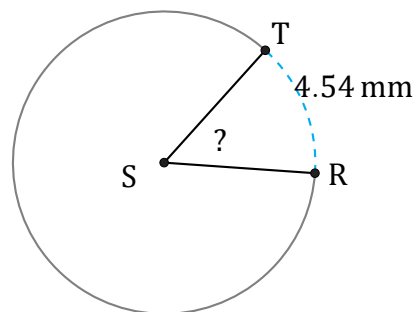
Circumference = 3015.93 cm

$$\angle DEF = \frac{1432.57}{3015.93} \times 360 = 171^\circ$$



Circumference = 219.91 km

$$\angle GHJ = \frac{108.73}{219.91} \times 360 = 178^\circ$$



Circumference = 31.42 mm

$$\angle RST = \frac{4.54}{31.42} \times 360 = 52^\circ$$