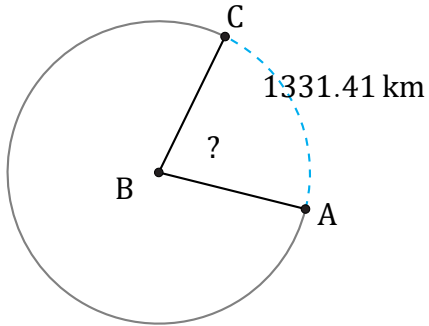


# Arc Angles (C)

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

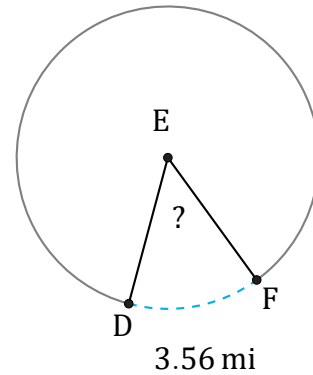
Date: \_\_\_\_\_

Calculate each arc angle measurement.



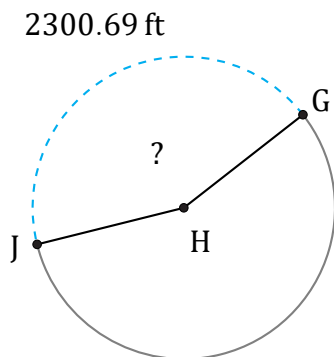
Circumference = 6144.96 km

$\angle ABC =$



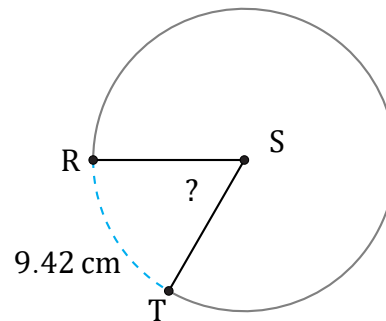
Circumference = 25.13 mi

$\angle DEF =$



Circumference = 5309.29 ft

$\angle GHJ =$



Circumference = 56.55 cm

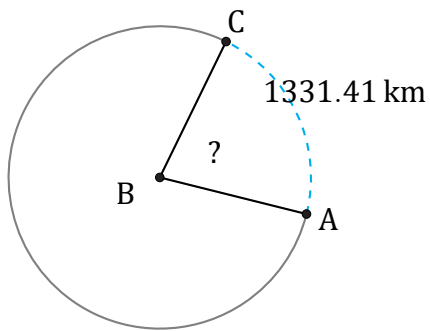
$\angle RST =$

# Arc Angles (C) Answers

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

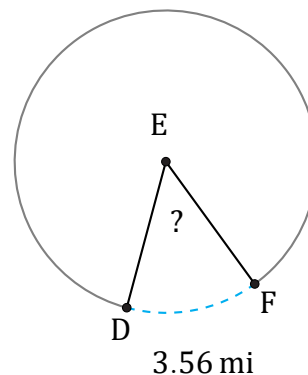
Date: \_\_\_\_\_

Calculate each arc angle measurement.



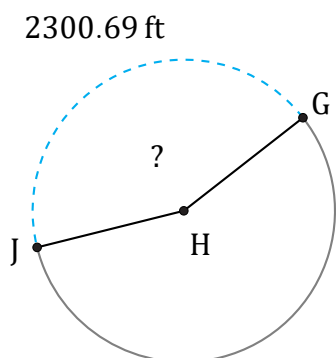
Circumference = 6144.96 km

$$\angle ABC = \frac{1331.41}{6144.96} \times 360 = 78^\circ$$



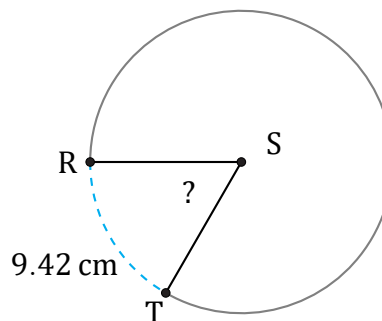
Circumference = 25.13 mi

$$\angle DEF = \frac{3.56}{25.13} \times 360 = 51^\circ$$



Circumference = 5309.29 ft

$$\angle GHJ = \frac{2300.69}{5309.29} \times 360 = 156^\circ$$



Circumference = 56.55 cm

$$\angle RST = \frac{9.42}{56.55} \times 360 = 60^\circ$$