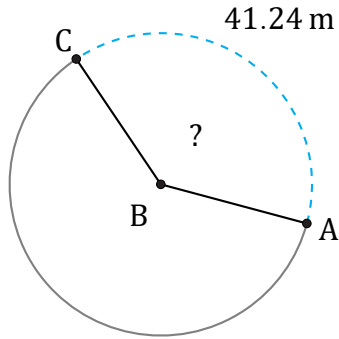


Arc Angles (I)

Name: _____

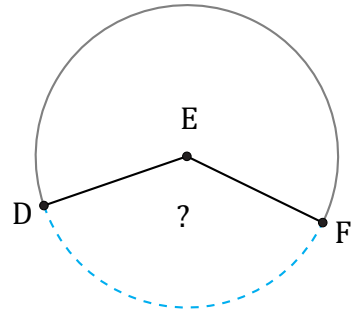
Date: _____

Calculate each arc angle measurement.



Circumference = 106.81 m

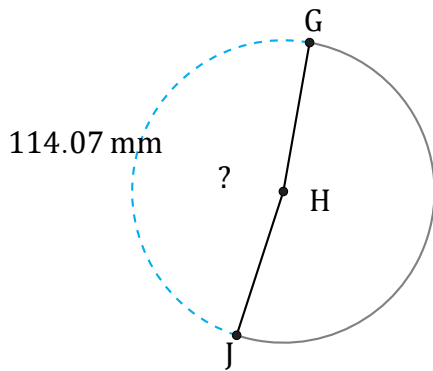
$\angle ABC =$



2026.33 km

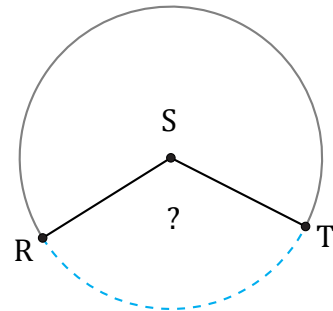
Circumference = 5403.54 km

$\angle DEF =$



Circumference = 238.76 mm

$\angle GHJ =$



10.56 ft

Circumference = 31.42 ft

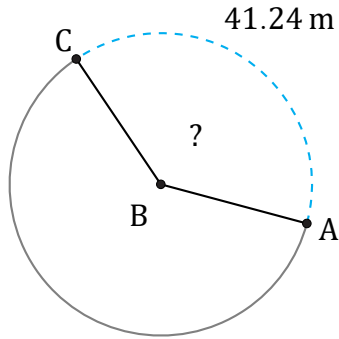
$\angle RST =$

Arc Angles (I) Answers

Name: _____

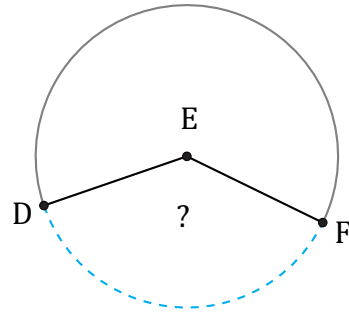
Date: _____

Calculate each arc angle measurement.



Circumference = 106.81 m

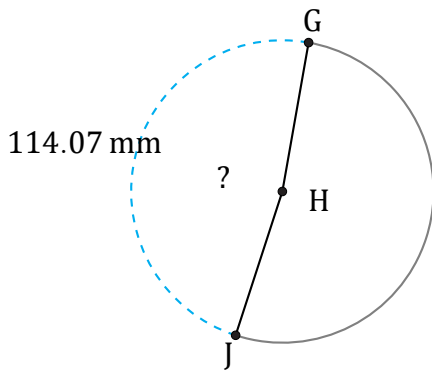
$$\angle ABC = \frac{41.24}{106.81} \times 360 = 139^\circ$$



2026.33 km

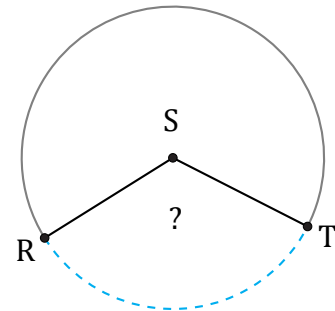
Circumference = 5403.54 km

$$\angle DEF = \frac{2026.33}{5403.54} \times 360 = 135^\circ$$



Circumference = 238.76 mm

$$\angle GHJ = \frac{114.07}{238.76} \times 360 = 172^\circ$$



10.56 ft

Circumference = 31.42 ft

$$\angle RST = \frac{10.56}{31.42} \times 360 = 121^\circ$$