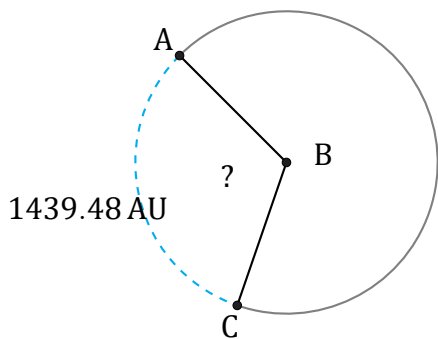


Arc Angles (A)

Name: _____

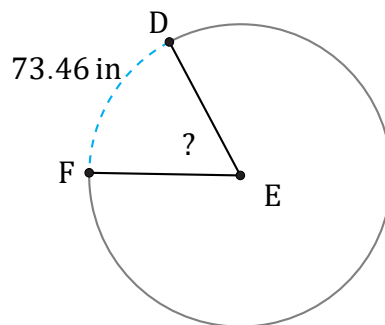
Date: _____

Calculate each arc angle measurement.



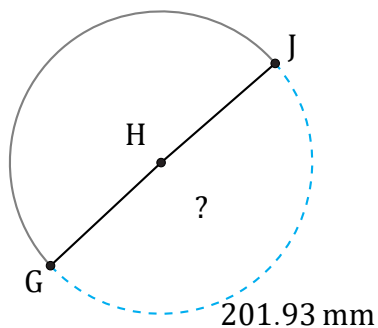
Radius = 711 AU

$\angle ABC =$



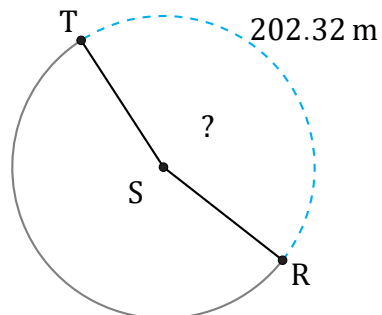
Radius = 69 in

$\angle DEF =$



Radius = 65 mm

$\angle GHJ =$



Radius = 72 m

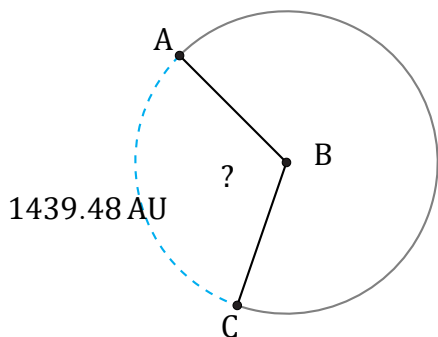
$\angle RST =$

Arc Angles (A) Answers

Name: _____

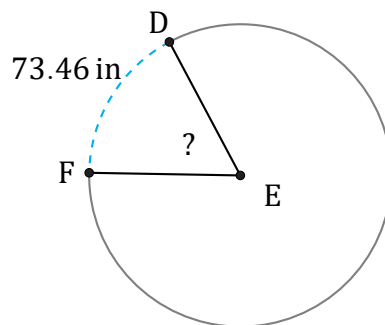
Date: _____

Calculate each arc angle measurement.



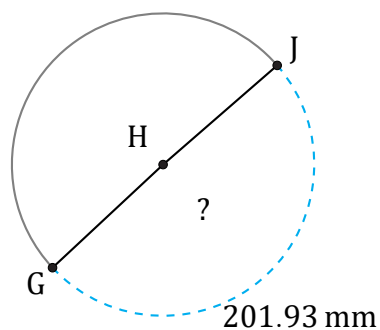
Radius = 711 AU

$$\angle ABC = \frac{1439.48}{711 \times \pi \times 2} \times 360 = 116^\circ$$



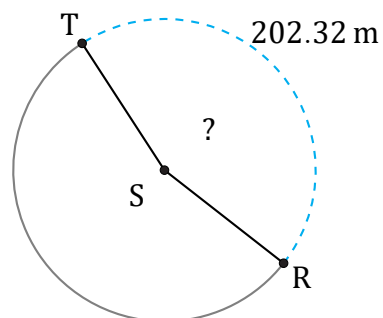
Radius = 69 in

$$\angle DEF = \frac{73.46}{69 \times \pi \times 2} \times 360 = 61^\circ$$



Radius = 65 mm

$$\angle GHJ = \frac{201.93}{65 \times \pi \times 2} \times 360 = 178^\circ$$



Radius = 72 m

$$\angle RST = \frac{202.32}{72 \times \pi \times 2} \times 360 = 161^\circ$$