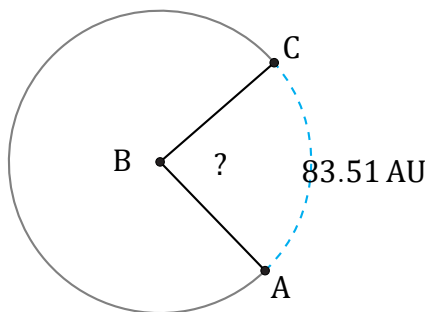


Arc Angles (B)

Name: _____

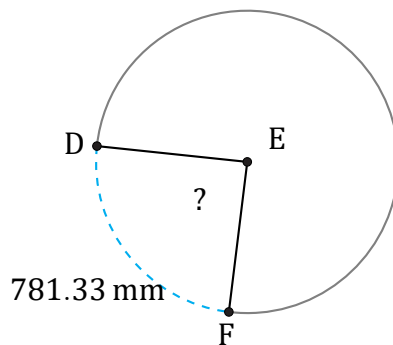
Date: _____

Calculate each arc angle measurement.



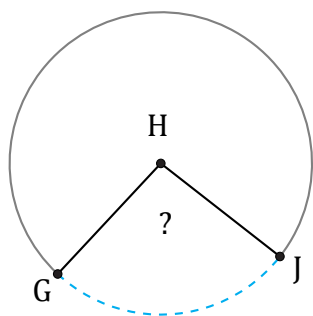
Radius = 55 AU

$\angle ABC =$



Radius = 503 mm

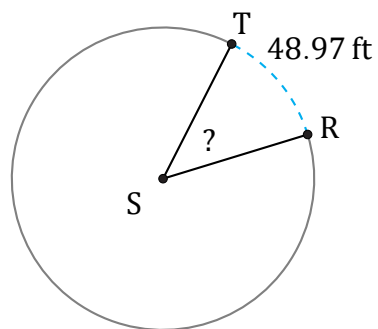
$\angle DEF =$



102.8 mi

Radius = 62 mi

$\angle GHJ =$



Radius = 61 ft

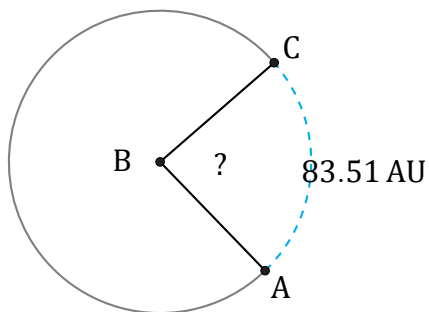
$\angle RST =$

Arc Angles (B) Answers

Name: _____

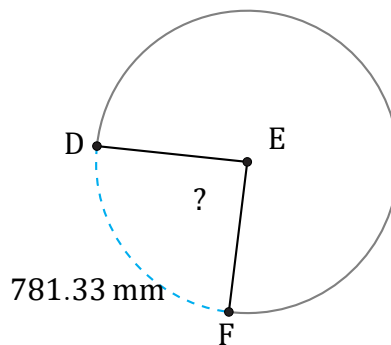
Date: _____

Calculate each arc angle measurement.



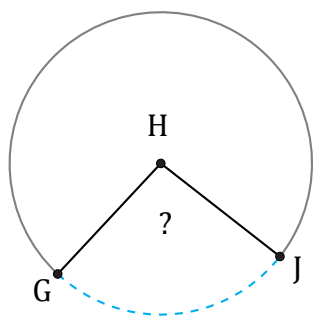
Radius = 55 AU

$$\angle ABC = \frac{83.51}{55 \times \pi \times 2} \times 360 = 87^\circ$$



Radius = 503 mm

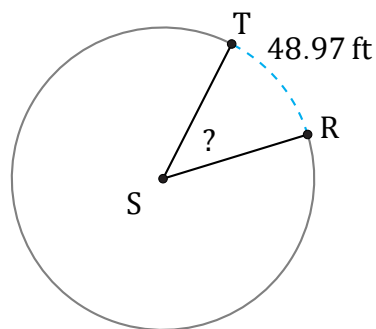
$$\angle DEF = \frac{781.33}{503 \times \pi \times 2} \times 360 = 89^\circ$$



102.8 mi

Radius = 62 mi

$$\angle GHJ = \frac{102.8}{62 \times \pi \times 2} \times 360 = 95^\circ$$



Radius = 61 ft

$$\angle RST = \frac{48.97}{61 \times \pi \times 2} \times 360 = 46^\circ$$