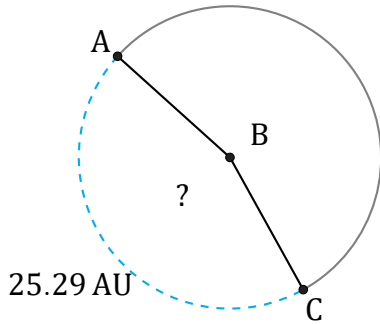


Arc Angles (H)

Name: _____

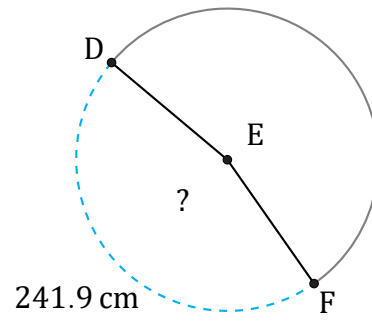
Date: _____

Calculate each arc angle measurement.



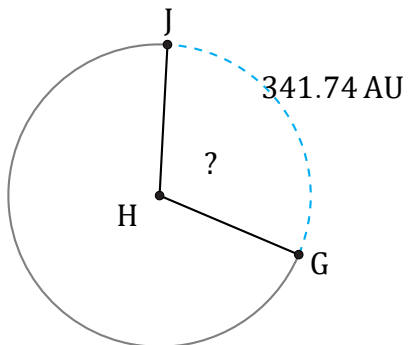
Radius = 9 AU

$\angle ABC =$



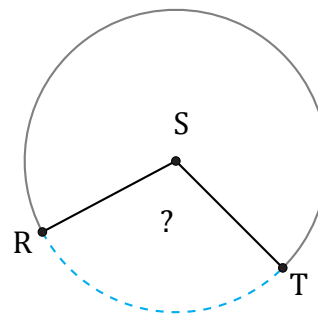
Circumference = 527.79 cm

$\angle DEF =$



Diameter = 356 AU

$\angle GHJ =$



5.6 km

Radius = 3 km

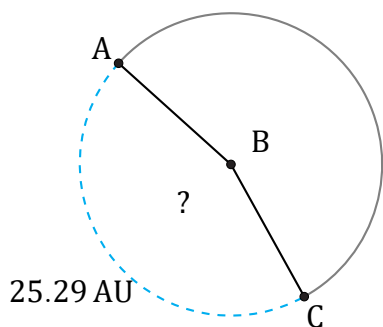
$\angle RST =$

Arc Angles (H) Answers

Name: _____

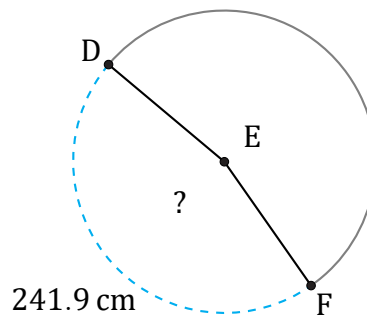
Date: _____

Calculate each arc angle measurement.



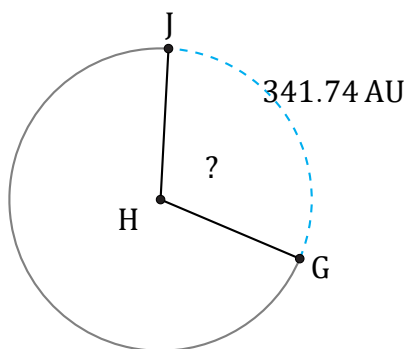
Radius = 9 AU

$$\angle ABC = \frac{25.29}{9 \times \pi \times 2} \times 360 = 161^\circ$$



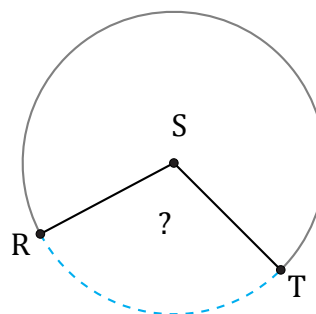
Circumference = 527.79 cm

$$\angle DEF = \frac{241.9}{527.79} \times 360 = 165^\circ$$



Diameter = 356 AU

$$\angle GHJ = \frac{341.74}{356 \times \pi} \times 360 = 110^\circ$$



5.6 km

Radius = 3 km

$$\angle RST = \frac{5.6}{3 \times \pi \times 2} \times 360 = 107^\circ$$