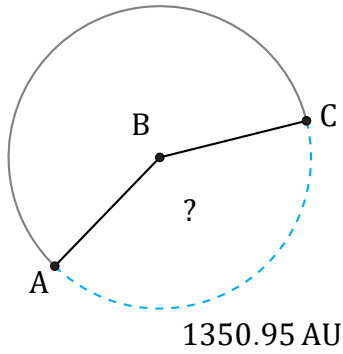


Arc Angles (F)

Name: _____

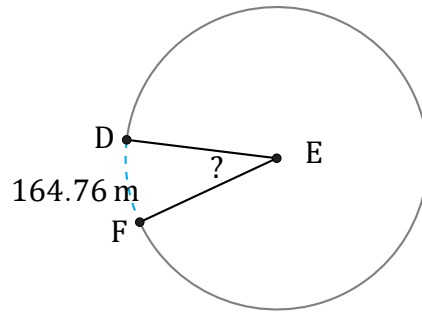
Date: _____

Calculate each arc angle measurement.



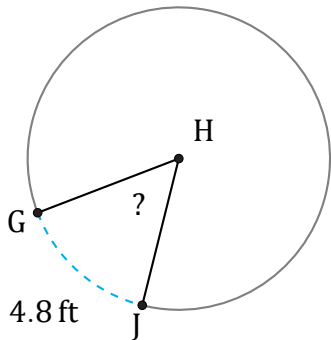
Circumference = 3286.11 AU

$\angle ABC =$



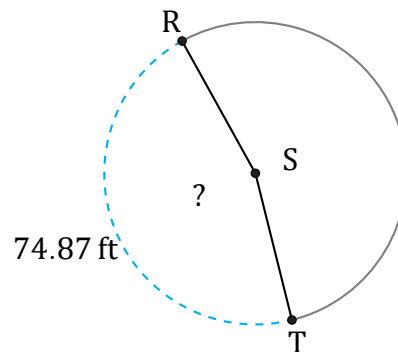
Circumference = 1853.54 m

$\angle DEF =$



Radius = 5 ft

$\angle GHJ =$



Diameter = 52 ft

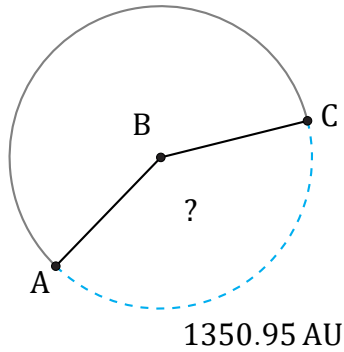
$\angle RST =$

Arc Angles (F) Answers

Name: _____

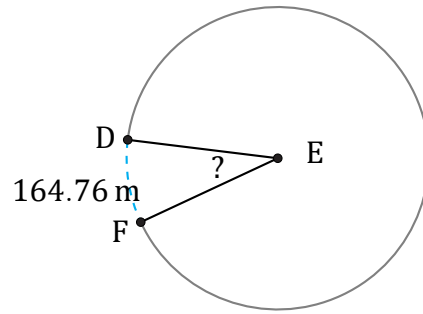
Date: _____

Calculate each arc angle measurement.



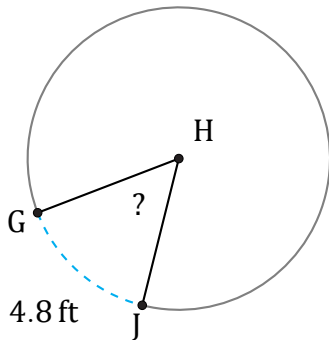
Circumference = 3286.11 AU

$$\angle ABC = \frac{1350.95}{3286.11} \times 360 = 148^\circ$$



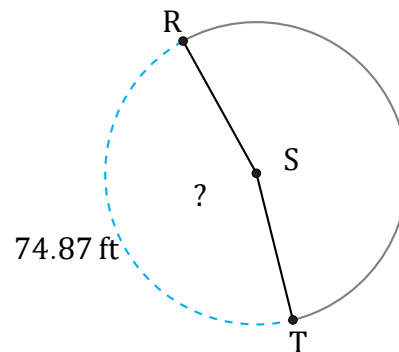
Circumference = 1853.54 m

$$\angle DEF = \frac{164.76}{1853.54} \times 360 = 32^\circ$$



Radius = 5 ft

$$\angle GHJ = \frac{4.8}{5 \times \pi \times 2} \times 360 = 55^\circ$$



Diameter = 52 ft

$$\angle RST = \frac{74.87}{52 \times \pi} \times 360 = 165^\circ$$