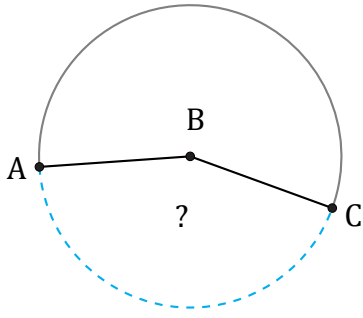


# Arc Angles (H)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

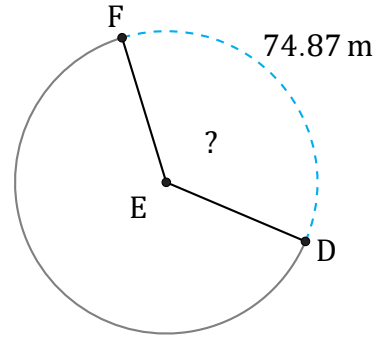
Calculate each arc angle measurement.



16.34 m

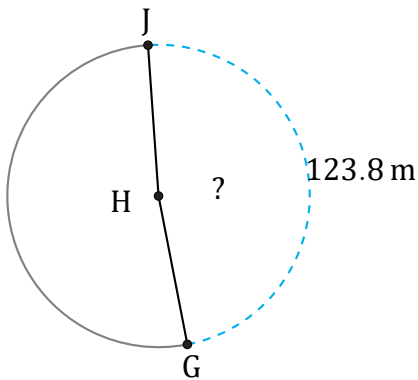
Circumference = 37.7 m

$\angle ABC =$



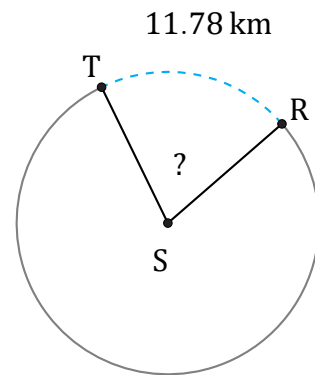
Circumference = 207.35 m

$\angle DEF =$



Circumference = 257.61 m

$\angle GHJ =$



Circumference = 56.55 km

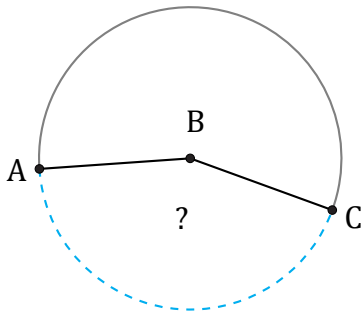
$\angle RST =$

# Arc Angles (H) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

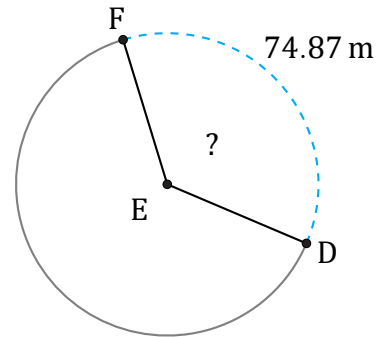
Calculate each arc angle measurement.



16.34 m

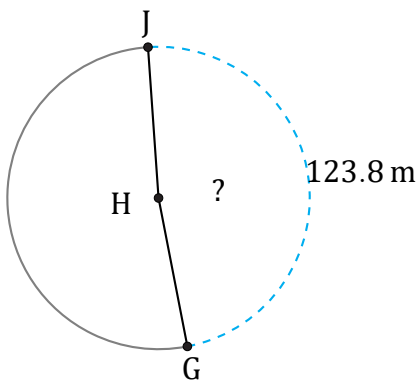
Circumference = 37.7 m

$$\angle ABC = \frac{16.34}{37.7} \times 360 = 156^\circ$$



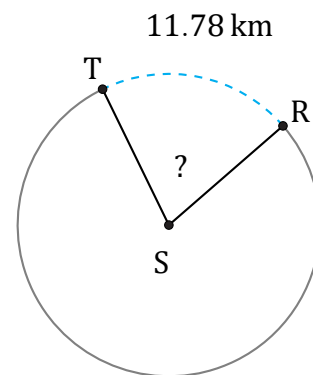
Circumference = 207.35 m

$$\angle DEF = \frac{74.87}{207.35} \times 360 = 130^\circ$$



Circumference = 257.61 m

$$\angle GHJ = \frac{123.8}{257.61} \times 360 = 173^\circ$$



Circumference = 56.55 km

$$\angle RST = \frac{11.78}{56.55} \times 360 = 75^\circ$$