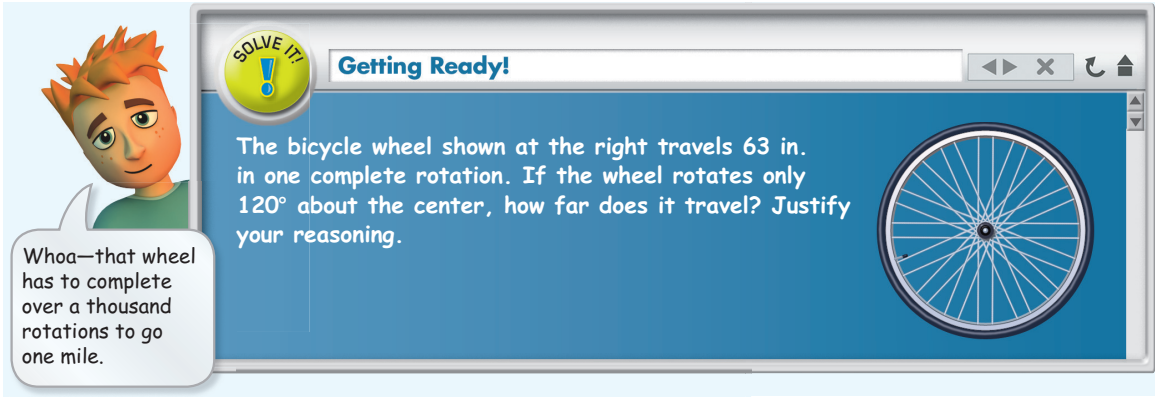
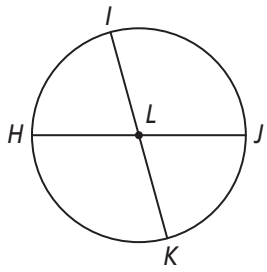
10-6 Solve It!



10-6 Lesson Quiz

1. Use the circle at the right for Questions 1–3.

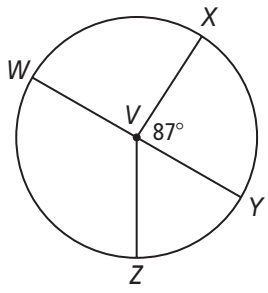


a. What are the minor arcs of $\odot L$?

b. What are the semicircles of $\odot L$?

c. What are the major arcs of $\odot L$ that contain point K?

2. Do you UNDERSTAND? What is the measure of arc WX in $\odot V$?



3. The radius of $\odot C$ is four times the radius of $\odot D$. How many times greater is the circumference of $\odot C$ than $\odot D$?

Answers

Solve It!

21 in.; explanations may vary. Sample: 120° is one third of a complete revolution, so the wheel will travel $\frac{1}{3} \cdot 63 = 21$ in. for a rotation of 120°.

Lesson Quiz

1. a. arcs *HI*, *IJ*, *JK*, and *KH*

b. arcs *HIJ*, *IJK*, *JKH*, and *KHI*

c. arcs *KHJ*, *HIK*, *IJH*, and *JKI*

2. 93°

3. four times