

Name:

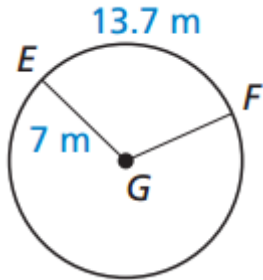
Date:

Period:

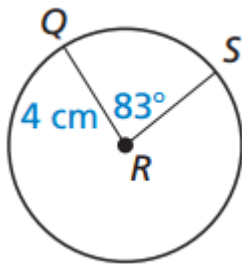
HW #11-5: Quest #1 Review

Check answers on Edline. Remember to include your units!

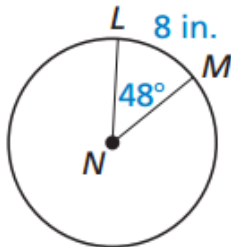
1. Find $m\widehat{EF}$



2. Find the arc length of the major arc $\widehat{QS}$



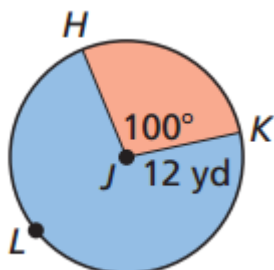
3. Find the circumference of $\odot N$. Then find the length of its radius.



4. Convert 26° to radians.

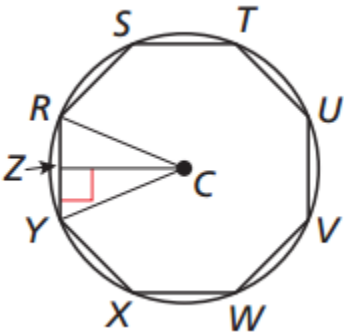
5. Convert $\frac{5\pi}{9}$ radians to degrees

6. Find the area of the small sector. Then find the area of the large sector.



Use the diagram for #7-9

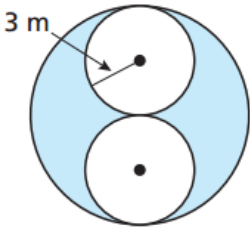
7. Identify the following:
- a. Center: _____
 - b. A radius: _____
 - c. An apothem: _____
 - d. A central angle: _____



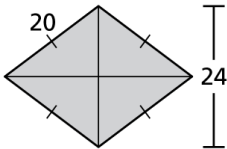
8. Find the following:
- a. $m\angle RCY =$ _____
 - b. $m\angle RCZ =$ _____
 - c. $m\angle ZRC =$ _____

9. The radius of the circle is 8 units. Find the area of the octagon.

10. The two white congruent just fit into the dark circle. What is the area of the dark region?



11. Find the area of the rhombus.



12. Find the area of the kite.

