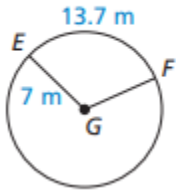


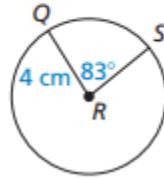
Quiz Review 11.1 – 11.4

1 – 3: Find the indicated measure.

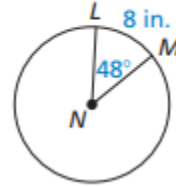
1. $m\widehat{EF}$



2. arc length of \widehat{QS}



3. circumference of $\odot N$

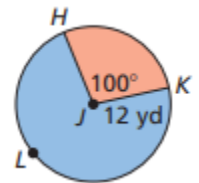


4. Convert 26° to radians. Then convert $\frac{5\pi}{9}$ radians to degrees.

5 – 6: Use the figure provided to find the indicated measure.

5. Area of the red sector

6. Area of the blue sector



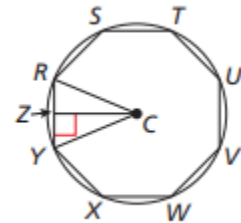
7 – 9: In the diagram, RSTUVWXY is a regular octagon inscribed in circle C.

7. Identify the following using correct notation:

- a) center
- b) radius
- c) apothem
- d) central angle

8. Find the following measures:

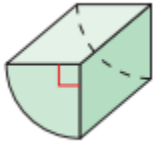
- a) $m\angle RCY =$
- b) $m\angle RCZ =$
- c) $m\angle ZRC =$



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

10 – 12: Tell whether the solid is a polyhedron. If not, state why not. If it is, name the polyhedron.

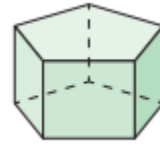
10.



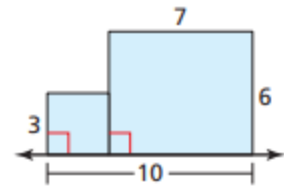
11.



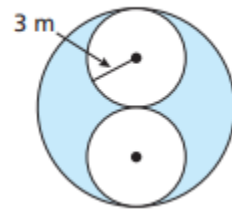
12.



13. Sketch the composite solid produced by rotating the figure around the given axis. Then identify and describe the composite solid.



14. The two white congruent circles just fit into the blue circle. What is the area of the blue region?



15. Find the area of each rhombus tile. Then find the area of the pattern.

