

Name _____

Date _____

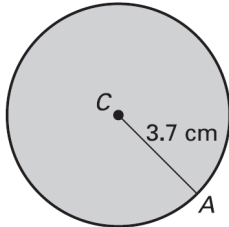
LESSON 11.5

Practice C

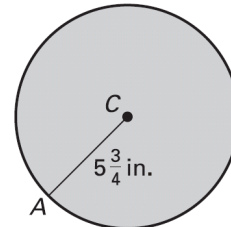
For use with pages 755–761

Find the exact area of the circle. Then find the area to the nearest hundredth

1.



2.



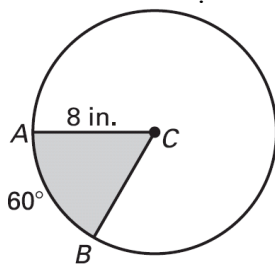
Find the indicated measure

3. The area of a circle is 236 square inches. Find the radius.

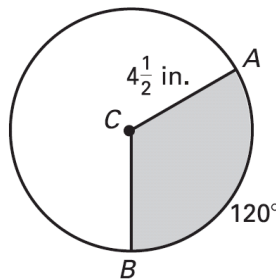
4. The area of a circle is 714 square feet. Find the diameter.

Find the areas of the sectors formed by $\angle ACB$.

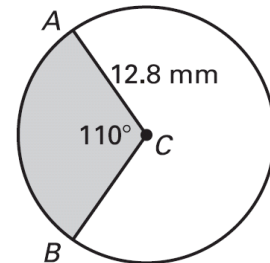
5.



6.

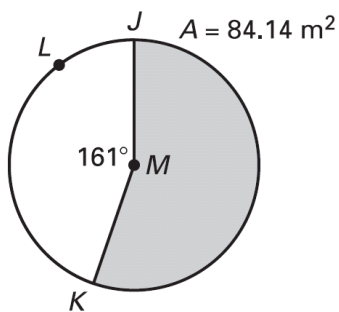


7.

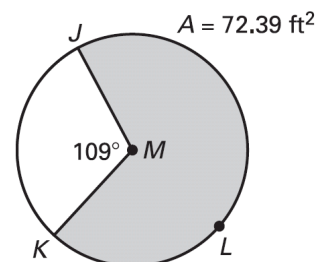


Use the diagram to find the indicated measure

8. Find the radius of $\odot M$.

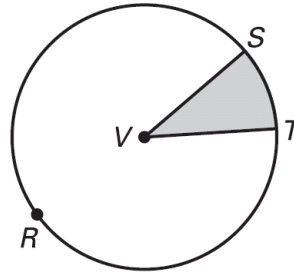


9. Find the diameter of $\odot M$.



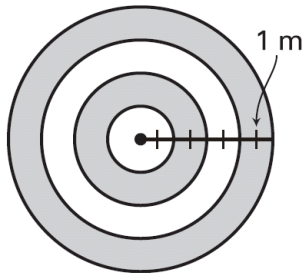
The area of $\odot V$ is 624.36 square meters. The area of sector SVT is 64.17 square meters. Find the indicated measure

10. Radius of $\odot V$
11. Circumference of $\odot V$
12. $m\widehat{ST}$
13. Length of \widehat{ST}
14. Perimeter of shaded region
15. Perimeter of unshaded region

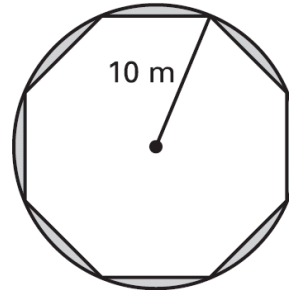


Find the area of the shaded region

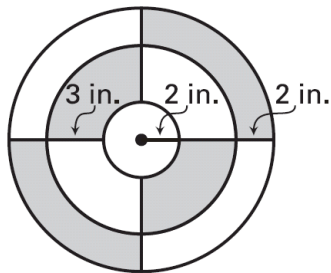
16.



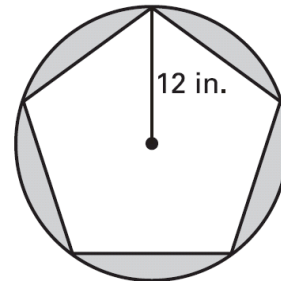
17.



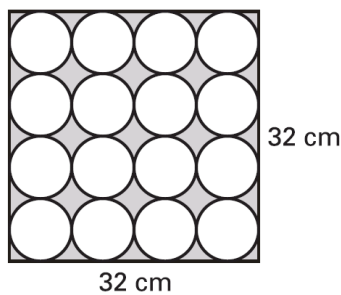
18.



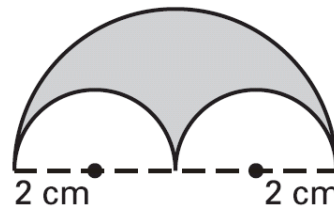
19.



20.



21.



22. Three pizzas of the given diameter are cut as indicated. Which cut produces the largest pieces?

- a. An 8-inch pizza cut into 6 congruent slices
- b. A 12-inch pizza cut into 8 congruent slices
- c. A 16-inch pizza cut into 10 congruent slices

