Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 7.11 Unit 7 Test Review

In 1-2, use to find the value of *x*. Then, find the arc measures.

1. 2.

Find the measure of the indicated arc or angle in .

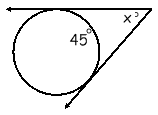
3. \_?\_ 4. \_?\_ 5. \_?\_

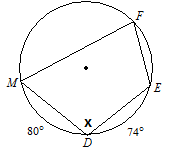
Find the value of each variable.



6. 7. 8.

9. 10. 11.





12. Find the **area** and **arc length** of the shaded region.

13. The area of one piece of pizza is . The pizza is cut into eighths. Find the radius of the pizza pie.

14. Determine the radius of the circle with a circumference of . Use the radius to

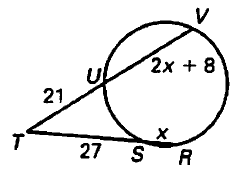
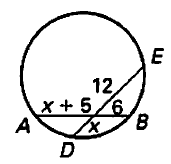
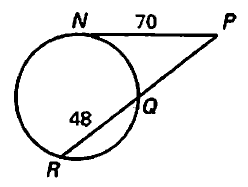
then find the area.

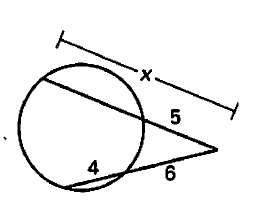
15. A sprinkler system can shoot water at a distance of 15 yards. It is set up to rotate

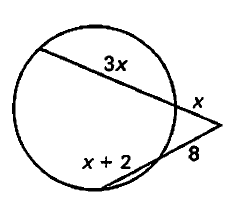
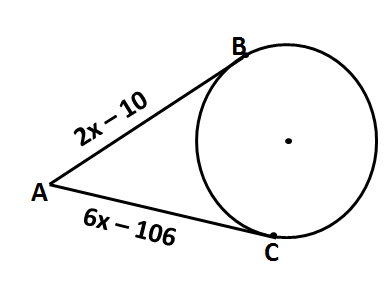
240 degrees. How much area of the yard is covered by the sprinkler?

1. The clock in our classroom has a radius of 9 inches. If it’s 4:00, find the arc length and area of the sector for this time.

17. Find AB 18. Find TV 19. Find PQ



20. Solve for x 21. Solve for x 22. Find AB





23. Find the area of 24. Find the area of the 25. Find m

the sector shaded region

