Geometry

Unit 8 Review E

Name:

Date: Period: 1 2 3 4 5 6

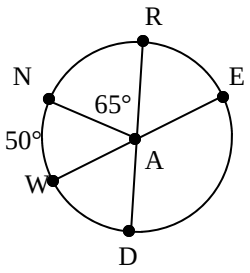
Standards: 7.0, 21.0, 16.0 Holt Reference: Ch 11

1. Find $\overset{\frown}{mRE}$

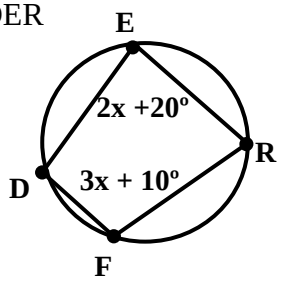
2. $\overset{\frown}{mNE}$

3. m∠EAD

4. m∠NAD

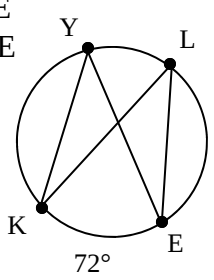


5. Find m∠DER

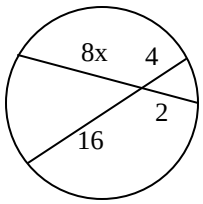


6. Find m∠KYE

7. Find m ∠KLE

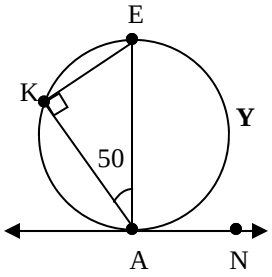


8. Solve for x

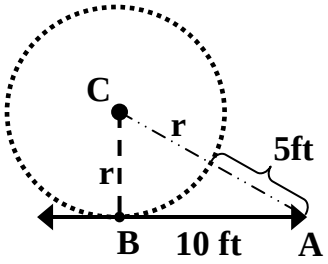


9. The following circle is tangent to $\overrightarrow{AN}$.

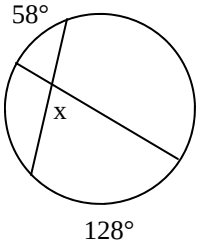
Find $\overset{\frown}{KA}$



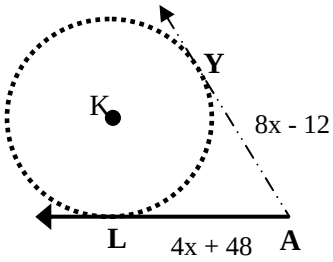
10. Find the radius



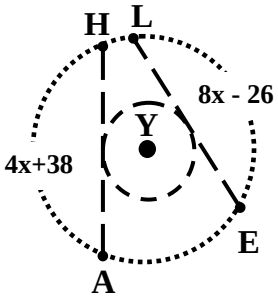
11. Find x



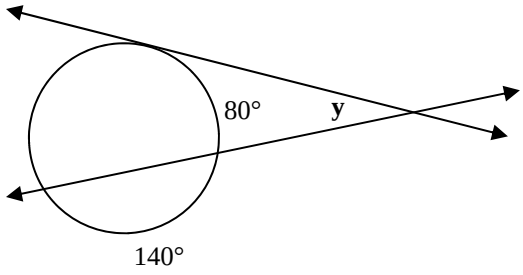
12. Solve for x



13. Find LE

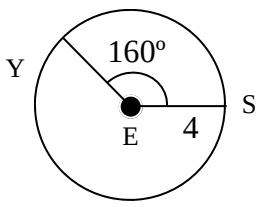


14. Find y

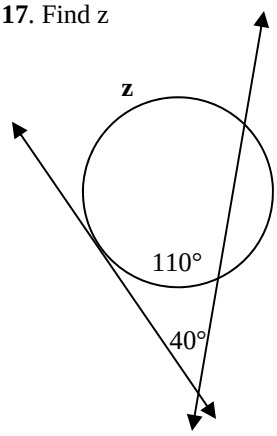


15. Find the Sector Area

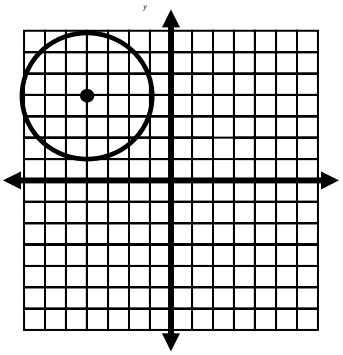
16. Find the arc length



17. Find z



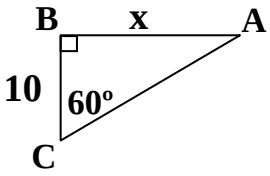
18. Given the graph below. What is the equation of the circle?



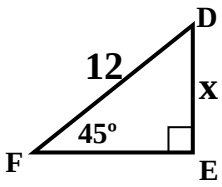
19. Find the number of sides (N) in a <u>regular</u> convex polygon with <u>interior angles</u> measuring **170°**?

20. The sum of the interior angles of a polygon is double the sum of its exterior angles. What type of polygon is it?

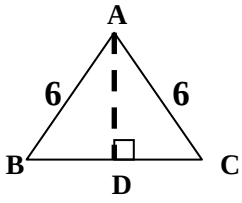
21. Solve for x



22. Solve for x



23. Find the height of the following equilateral triangle



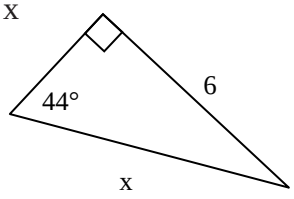
24. If **tan x =** $\frac{3}{4}$ then what is **cos**

25. If **cos x =** $\frac{5}{12}$ then what is **sin x**.

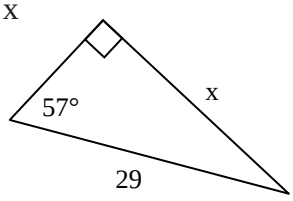
26. If cos x = 0.3, then <u>find</u> $\sin^2 x$.
Use: $\text{Sin}^2x + \text{Cos}^2x = 1$

27. If sin x = 0.4, then <u>find</u> $\cos^2 x$.
Use: $\text{Sin}^2x + \text{Cos}^2x = 1$

28. Write an equation to solve for x



29. Write an equation to solve for x



30. Given that Sin A = .40
Find AB