CHAPTER 10

NAME _____ DATE _____

Chapter Test C

For use after Chapter 10

The diameter of a circle is given. Find the radius.

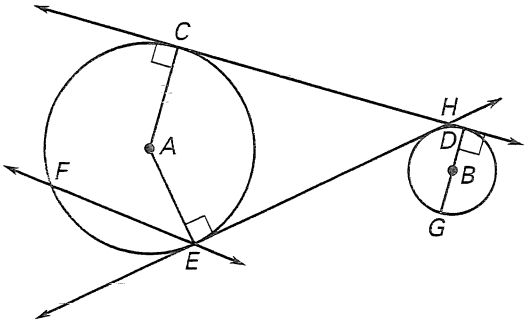
1. $d = 15.5$ ft
2. $d = 110$ in.
3. $d = 5$ m

The radius of $\odot M$ is given. Find the diameter of $\odot M$.

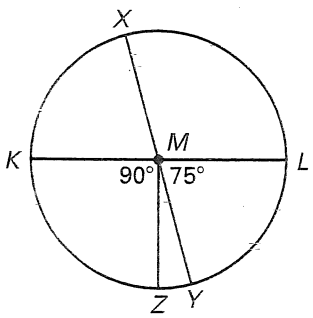
4. $r = 25$ cm
5. $r = 9.75$ ft
6. $r = 1.125$ m

Using the diagram below, match the notation with the term that best describes it.

7. Common Interior Tangent	A. C
8. Common Exterior Tangent	B. B
9. Point of Tangency	C. $\overline{AE}$
10. Chord	D. $\overleftrightarrow{EH}$
11. Center	E. $\overline{DG}$
12. Diameter	F. $\overline{FE}$
13. Secant	G. $\overleftrightarrow{FE}$
14. Radius	H. $\overleftrightarrow{CH}$



In Exercises 15–20, $\overline{KL}$ and $\overline{XY}$ are diameters of $\odot M$. Find the indicated measure.



15. $m\angle KMX$
16. $m\overset{\frown}{YZ}$
17. $m\overset{\frown}{ZYL}$
18. $m\angle XML$
19. $m\overset{\frown}{XLZ}$
20. $m\overset{\frown}{KXY}$

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Review and Assess