Name Date

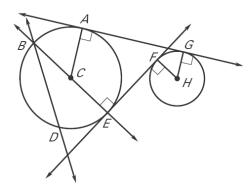
LESSON 10.1

Practice C

For use with pages 650–658

State the best term for the given figure in the diagram.

- **1.** *F*
- 2. *FE*
- 3. \overline{HG}
- 4. \overline{DB}
- **5.** *C*
- **6.** \overline{BE}
- 7. *DB* →
- 8. \overrightarrow{AG}



Draw a pair of circles with the characteristics described.

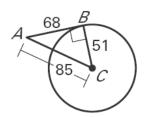
9. non-intersecting circles, no common tangents

10. intersecting circles, 2 common tangents

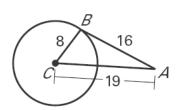
11. 1 point of intersection, 3 common tangents

In the diagram, \overline{BC} is a radius of $\odot C$. Determine whether \overline{AB} is tangent to $\odot C$. Explain your reasoning.

12.

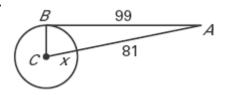


13.

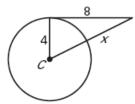


In the diagram, assume that segments are tangents if they appear to be. Find the value(s) of x.

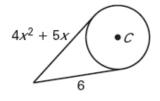
14.



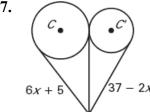
15.



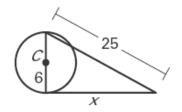
16.



17.



18.



19.

