10.1 Notetaking with Vocabulary (continued)

Extra Practice
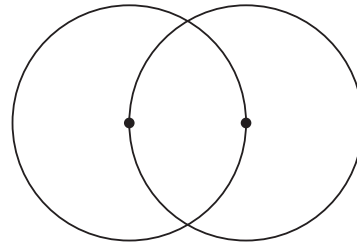
In Exercises 1–6, use the diagram.

1. Name two radii.

2. Name a chord.

3. Name a diameter.

4. Name a secant.

5. Name a tangent.

6. Name a point of tangency.
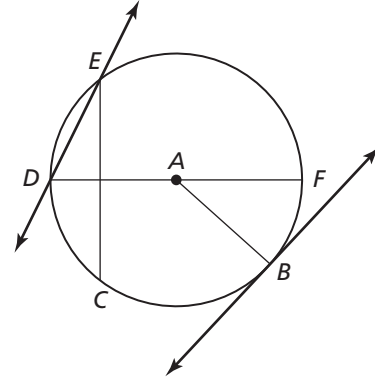
In Exercises 7 and 8, use the diagram.

7. Tell how many common tangents the circles have and draw them.

8. Tell whether each common tangent identified in Exercise 7 is internal or external.

In Exercises 9 and 10, point D is a point of tangency.

9. Find BD.

10. Point C is also a point of tangency. If $BC = 4x + 6$, find the value of x to the nearest tenth.