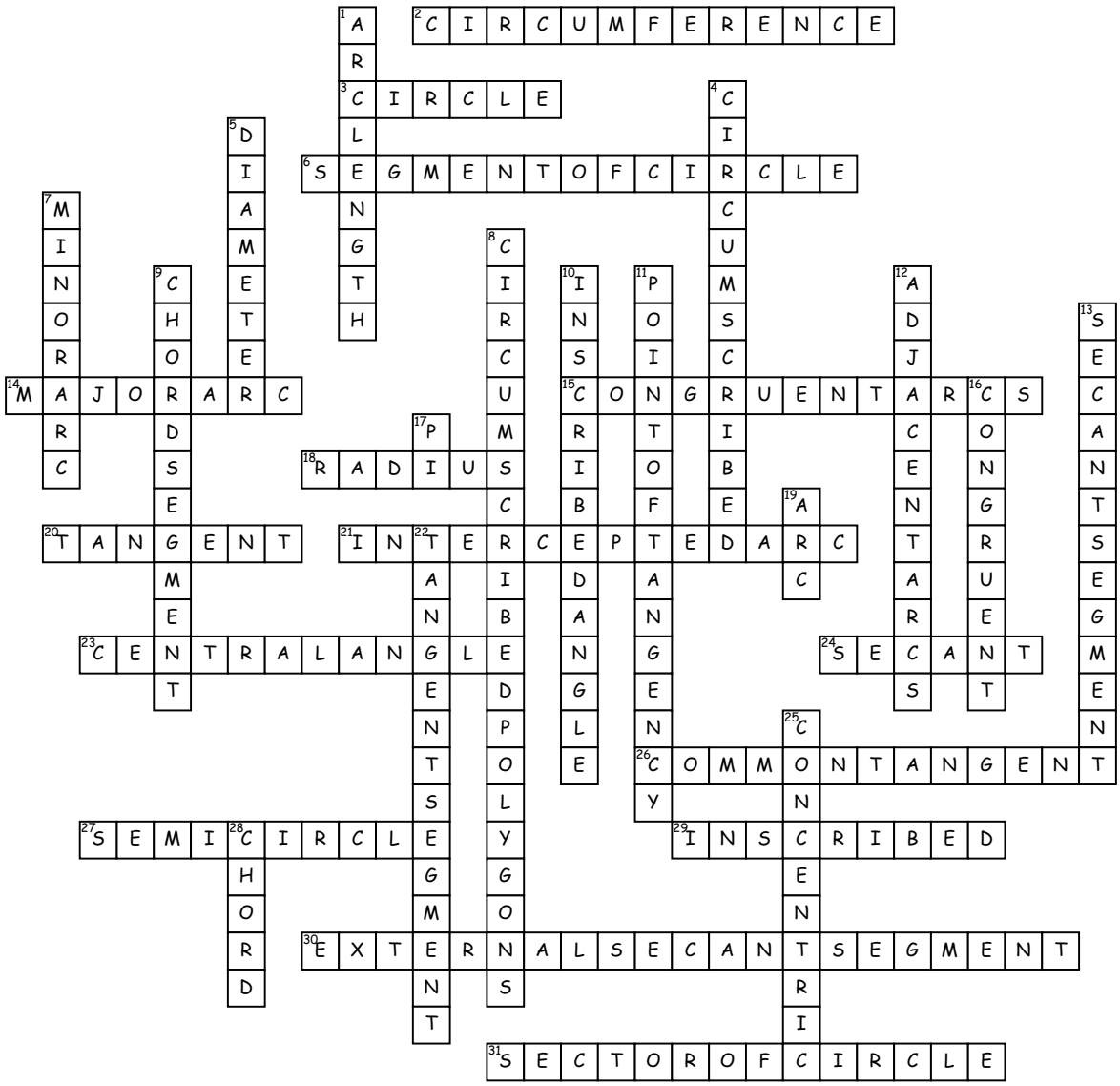
Ch 10: Circles



Across

2. Distance around a circle

3. Set of points in a plane equidistant from the center

6. Region bounded by an arc and a chord

14. An arc greater than 180 degrees

15. Arcs with the same measurement

18. A segment with endpoints at the center and on the circle

20. A line in the same plane as the circle which intersects the circle in exactly on point

21. Arc formed by an inscribed angle

23. An angle with the vertex in the center of the circle

24. A line that intersects a circle in exactly two points

26. Line, ray, or segment this is tangent to two circles in the same plane

27. An arc equal to 180 degrees

29. When all vertices of a polygon lie on the circle

30. A secant segment that lies in the exterior of the circle

31. Region bounded by a central angle and its intercepts arc

Down

1. Distance between two endpoints along an arc measured in linear units

4. A circle is _____ about a polygon if it contains all vertices of that polygon

5. A chord that passes through the center

7. An arc less than 180 degress

8. When every side of the polygon is tangent to the circle

9. Two segments created by two chords intersecting in a circle

10. Has a vertex on a circle and sides that contains cords of a circle

11. Point where a tangent line touches a circle

12. Arcs in a circle that have exactly one point in common

13. A segment of a secant line that has exactly one endpoint on the circle

16. When two circles have congruent radii

17. An irrational number =C/d

19. A portion of a circle defined by two endpoints

22. Segment of a tangent with one endpoint on the circle

25. When circles are coplanar and have the same center

28. A segment with endpoints on the circle