# Ch 10: Circles 



## Across

2. Distance around a circle
3. Set of points in a plane equidistant from the center
4. Region bounded by an arc and a chord
5. An arc greater than 180 degrees
6. Arcs with the same measurement
7. A segment with endpoints at the center and on the circle
8. A line in the same plane as the circle which intersects the circle in exactly on point
9. Arc formed by an inscribed angle
10. An angle with the vertex in the center of the circle
11. A line that intersects a circle in exactly two points
12. Line, ray, or segment this is tangent to two circles in the same plane
13. An arc equal to 180 degrees
14. When all vertices of a polygon lie on the circle
15. A secant segment that lies in the exterior of the circle
16. Region bounded by a central angle and its intercepts arc

## Down

1. Distance between two endpoints along an arc measured in linear units
2. A circle is $\qquad$ about a polygon if it contains all vertices of that polygon
3. A chord that passes through the center
4. An arc less than 180 degress
5. When every side of the polygon is tangent to the circle
6. Two segments created by two chords intersecting in a circle
7. Has a vertex on a circle and sides that contains cords of a circle
8. Point where a tangent line touches a circle
9. Arcs in a circle that have exactly one point in common
10. A segment of a secant line that has exactly one endpoint on the circle
11. When two circles have congruent radii
12. An irrational number $=C / d$
13. A portion of a circle defined by two endpoints
14. Segment of a tangent with one endpoint on the circle
15. When circles are coplanar and have the same center
16. A segment with endpoints on the circle
