

**Honors Geometry
Ch. 10 Review**

You Can.....

- **Apply all the theorems of the chapter regarding angles, arcs, chords, secants and tangents**
- **Find the angle measures given arcs in circles**
- **Find arc measures given angles in circles**
- **Write the equation of a circle in standard form given the center and radius, or a graph of the circle. Find the center and radius given the equation of a circle. Be able to complete the square.**
- **Find the length of external tangents or distance between centers of two circles**
- **Convert from radians to degrees and degrees to radians**
- **Find the reference angle**
- **Find a positive and negative coterminal angle**
- **Write the equation of a tangent line to a circle given the center of the circle and a point on the circle.**
- **Remember:**
 - **To connect the endpoints of all chords to the center of the circle**
 - **That all radii of a circle are equal**
 - **That all equal chords are equidistant from the center**
 - **To apply the Pythagorean theorem if a right triangle**
 - **Two tangents to a circle from an exterior point are congruent**
 - **Use your special right triangles to solve for missing segments**
 - **That figures may not be to scale**

Have you reviewed. . .

- **All homework problems**
- **Class notes and practice problems**
- **All worksheets**