Exercise 7-2

1. Continue from Exercise 7-1 or start AutoCAD.

2. Start a new drawing from scratch or use a template of your choice. Save the drawing as EX7-2.

3. Activate running object snaps, if they are not on. Set only the **Center** and **Quadrant** running object snap modes.

4. Use the **Center**, **Quadrant**, and **Geometric Center** object snap modes to perform the following tasks.

    A.   Draw two separate, side-by-side circles. Refer to the circle on the left as Circle A and the other circle as Circle B.

    B.   Draw a line from the center of Circle A to the 180° quadrant of Circle B.

    C.   Draw a line from the center of Circle B to the 270° quadrant of Circle B, then to the 270° quadrant of Circle A, and finally to the center of Circle A.

    D.   Use the **POLYGON** command to draw a hexagon above Circle A.

    E.   Draw a line from the center of Circle A to the centroid of the hexagon.

5. Turn off running object snaps.

6. Use the **Center**, **Quadrant**, and **Geometric Center** object snap overrides to perform the tasks listed in step 4.

7. Resave and close the file.

8. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.