

## 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.