AutoCAD and Its Applications BASICS

Exercise 12-8

- 1. Continue from Exercise 12-7 or start AutoCAD.
- 2. Start a new drawing from scratch or use an inch-unit template of your choice. Save the drawing as EX12-8.
- 3. Draw a \emptyset 1" circle.
- 4. Create a 360° polar array of five circles.
- 5. Draw another Ø1" circle.
- 6. Create a polar array of the new circle. Create an array of six circles through an angle of 360°.
- 7. Draw a Ø5" circle.
- 8. Construct a circumscribed hexagon, centered at the upper quadrant object snap of the \emptyset 5" circle, .75" across the flats.
- 9. Array the hexagon around the center of the \emptyset 5" circle. Create seven total hexagons 40° apart.
- 10. Resave and close the file.
- 11. Continue practicing using the **ARRAYRECT** and **ARRAYPOLAR** commands by completing act12-08.dwg available on the companion website.
- 12. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.