

## Exercise 12-7

1. Continue from Exercise 12-6 or start AutoCAD.
2. Start a new drawing from scratch or use an inch-unit template of your choice. Save the drawing as EX12-7.
3. Draw a  $\varnothing 1''$  circle.
4. Create a rectangular array of five columns and six rows with 2'' spacing between the centers of the circles in both directions. Make the original circle the lower-left object in the array.
5. Draw another  $\varnothing 1''$  circle.
6. Create a second rectangular array using the new circle as the upper-right object in the array. Create three columns and five rows, with .5'' spacing between the circles.
7. Draw a hexagon 1'' across the flats.
8. Create a third rectangular array. Specify two columns and four rows with 2.5'' spacing between the centers of the rows of hexagons and 3'' spacing between the centers of the columns of hexagons. Make the original hexagon the upper-left object in the array.
9. Resave and close the file.
10. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.