

## Exercise 13-1

1. Start AutoCAD if it is not already started.
2. Start a new drawing from scratch or use a decimal-unit template of your choice. Save the drawing as EX13-1.
3. Draw a line with endpoints at coordinate points 2,4 and 2,7. Draw a circle with a center at 5.5,5.5 and a radius of 1.5. Finally, draw an arc with a center at 8.5,5.5, a start point of 9.5,4, and an endpoint of 9.5,7.
4. Experiment with the **STRETCH** grip command by picking the points as follows:
  - A. Line—Pick the ends first and then pick the middle to see what happens.
  - B. Circle—Pick one of the quadrants and then pick the center.
  - C. Arc—Pick the ends and then the middle.
  - D. Line, circle, arc—Hold [Shift] down and pick an endpoint of the line, an endpoint of the arc, and a quadrant of the circle.
5. Resave and close the file.
6. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.