Exercise 4-1

1. Start AutoCAD.

2. Start a new drawing from scratch or use a decimal-unit template of your choice. Save the drawing as EX4-1.

3. Use the **Center, Radius** option of the **CIRCLE** command to draw a circle similar to the circle shown in Figure 4-2.

4. Use the **Center, Diameter** option of the **CIRCLE** command to draw the circle shown in Figure 4-3.

5. Draw two vertical parallel lines 10 units apart. Use the **2-Point** option of the **CIRCLE** command to draw a circle tangent to the two lines.

6. Draw two horizontal lines and one vertical line similar to those in Figure 4-5. Use the **3-Point** option of the **CIRCLE** command to draw a circle similar to the circle shown in Figure 4-5.

7. Use the **Tan, Tan, Radius** option of the **CIRCLE** command to draw circles tangent to existing objects, as shown in Figure 4-6.

8. Use the **Tan, Tan, Tan** option to draw circles tangent to existing objects, as shown in Figure 4-7.

9. Resave and close the file.

10. Continue to practice using the **CIRCLE** command by completing act04-01.dwg available on the companion website.

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

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