

Exercise 7-5

1. Continue from Exercise 7-4 or start AutoCAD.
2. Start a new drawing from scratch or use a template of your choice. Save the drawing as EX7-5.
3. Disable running object snaps.
4. Draw a horizontal line and a circle above the line. Begin a new line at the center of the circle and end it perpendicular to the first line using the **Center** and **Perpendicular** object snap overrides.
5. Draw two intersecting lines and a separate circle. Add a line from the center of the circle to the intersection of the lines using the **Center** and **Intersection** object snap overrides.
6. Activate running object snaps, set the **Center**, **Perpendicular**, and **Intersection** running object snap modes, and recreate the same objects using running object snaps.
7. Disable running object snaps.
8. Draw two nonintersecting, nonparallel lines. Draw a line from the endpoint of one line to the point where it would intersect the other line if it were extended. Use the **Endpoint** and **Extension** or **Extended Intersection** object snap overrides to complete this step.
9. Resave and close the file.
10. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.