

Exercise duration: ~5 minutes

Practice exercise

Set Running Esnaps, Select and Modify Entities

Open the drawing that was created in the first practice exercise. Using Esnaps and various entity selection methods, you'll apply some modifications to the existing entities.

1. From the Start page, open the file you created in the first video, Exercise1.dwg, by clicking on its thumbnail in the middle panel.

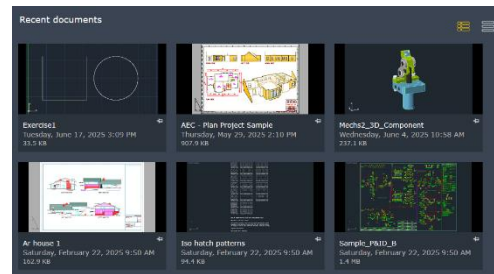


Figure 1. The Recent Documents Thumbnails

2. Your first task is to make sure that, at a minimum, the Endpoint, Center, and Midpoint Esnaps are turned on as running Esnaps.
3. Make sure that running Esnaps are enabled.

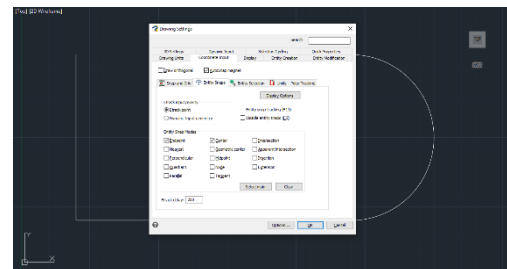


Figure 2. The drawing editor with the Drawing Settings dialog open.

4. Your second task is to start the Line command and, using Endpoint Esnaps, draw the missing top line of the box on the left.
5. Click on the Move command and select the circle with a Crossing Selection. Acquire the Center point of the circle with a Center Esnap. Using a Midpoint Esnap, move the circle to the midpoint of the right line of the box.

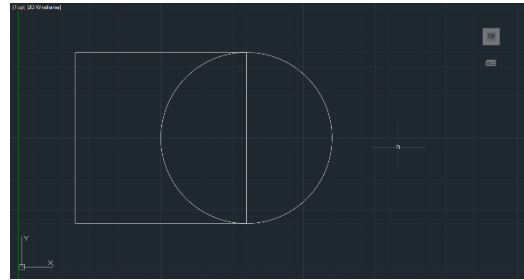


Figure 3. The drawing modified.

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6. Your third task is to click on the Rotate command, and select both the box and circle using a Window Selection. For the Rotation Base Point, use the Center Esnap to acquire the center of the circle. Enter a rotation angle of 270. Zoom out some.

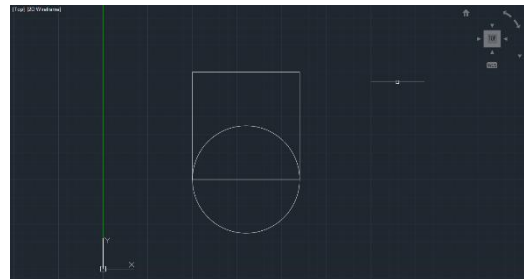


Figure 4. The drawing with the entities rotated.

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7. Your final task is to Mirror the box and circle. Make sure that Orthomode is enabled before proceeding.
 8. Click on the Mirror command. Select all five entities with a Crossing Selection. Using an endpoint Esnap, acquire the upper right corner of the box as the first point of the Mirror Line. Pull the mouse straight down past the circles and click to choose the second point. Select No to the question about deleting the original entities. (cont.)

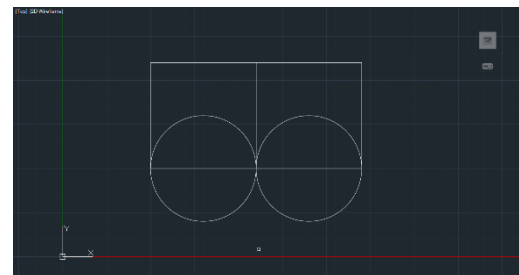


Figure 5. The drawing with the entities mirrored.

9. From the Application Menu, expand the Save As icon and select Save As. Navigate to the same folder as Exercise1.dwg, and save this file as **Exercise2**.
10. Close the file tab.