Exercise 4-5

1. Construct the 3D object shown in Figure 4-15 in the text. Do not include dimensions.

2. Relocate the UCS to the angled face and save a new UCS named Angled. Move and rotate the UCS as needed using the UCS icon grips.

3. Use the **UCS** command **Object** option to move the UCS to the bottom face of the cylinder. Save the UCS and name it Cylinder.

4. Use the **UCS** command **Face** option to move the UCS to the lower-front face of the object. If needed, use the UCS icon origin grip to move the UCS icon to the lower-left corner of the face. Save the UCS and name it Front Face.

5. Pick the UCS icon to display grips, then move the pointer over the origin grip and select **Move and Align** from the grip menu. Move the UCS to the top face of the object. Save the UCS and name it Top.

6. Right-click on the UCS icon and restore each of the saved UCSs.

7. Save the drawing as EX4-5.

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