

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.