

Exercise 11-3

1. Open drawing EX11-1 created in Exercise 11-1.
2. Move two of the faces of the box using the move gizmo.
3. Move the bottom face of the cone to create a shorter cone with a smaller base diameter.
4. Rotate the angled face of the wedge to increase the height of the wedge. The vertical sides of the wedge should remain square to the base.
5. Scale the top face of the box to create a truncated pyramid. Hint: Select the base point so that all sides of the face are evenly scaled.
6. Change the color of the top face of the pyramid created in step 5.
7. Extrude the colored face of the pyramid created in step 6 to a height that is one-half of the height of the pyramid.
8. Revolve the top face of the extrusion created in step 7. Pick any edge as the axis and revolve the face 90°.
9. Save the drawing as EX11-3.