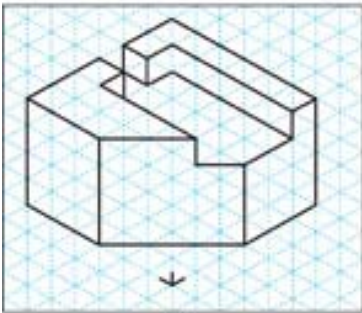


Engr 210 – Engineering Graphics
Lab #5 – Orthographic Projections: Part 2

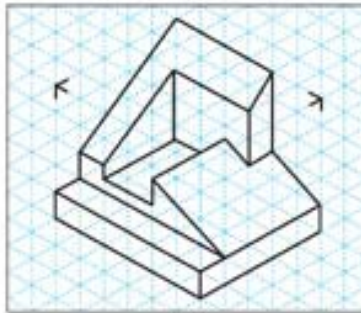
This lab will further develop facility in visualizing three-dimensional objects, and creating traditional orthogonal views. Review the rules for creating multi-view projections.

1. Multiview Sketching:

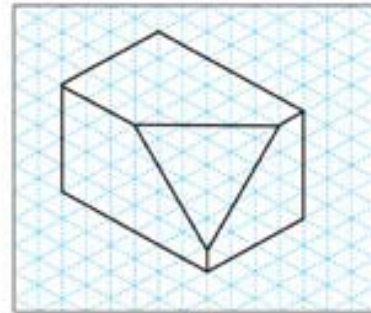
For each object shown as a pictorial, sketch the front, top and right views.



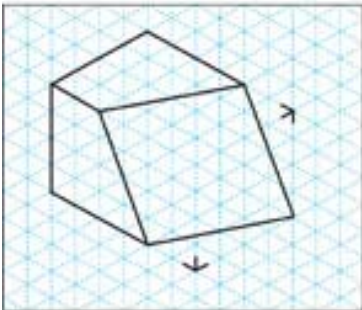
(31)



(32)



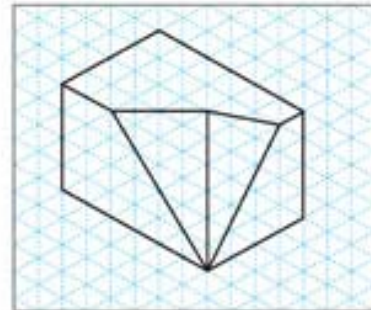
(33)



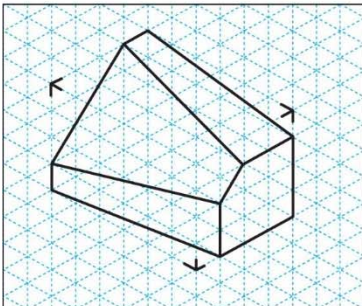
(34)



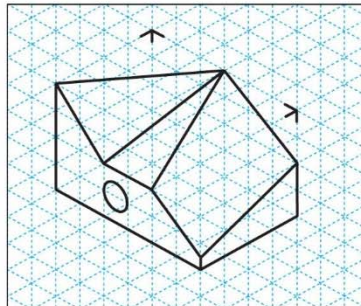
(35)



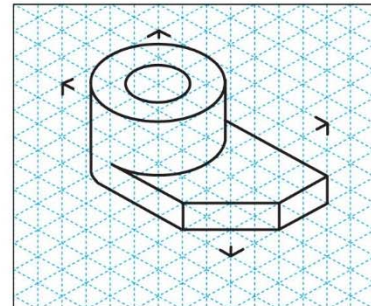
(36)



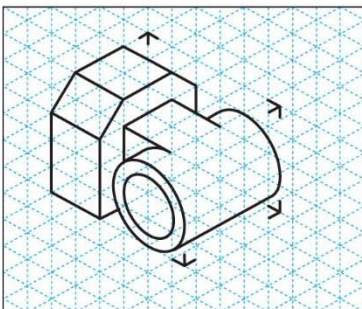
(67)



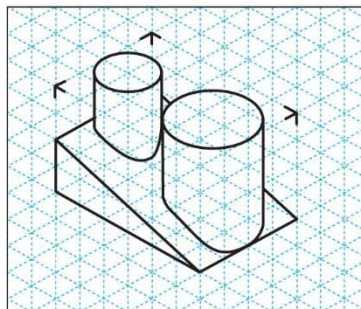
(68)



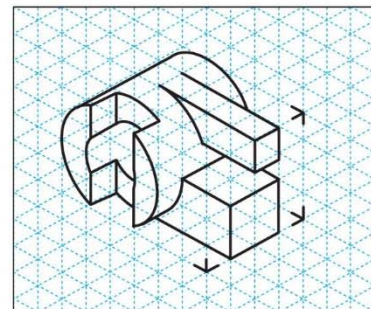
(69)



(70)



(71)



(72)

2. AutoCAD Exercise - Inches

Create the multiviews of the dial bracket shown in Figure 5.141 of the text. Be sure to create entities in appropriate layers: construction lines, object lines, hidden lines and center lines. Do not add dimensions. Save the drawing as **lab5.dwg**.

