

Mechanical Drawing: Board & CAD Techniques

Chapter 6 Multiview Drawing

Objectives

1. Explain orthographic projection.
2. Describe first- and third-angle projection.
3. Determine the number of views needed to describe fully the shape and size of an object.
4. Locate multiple views on a drawing.
5. Create the various views of an object.
6. Develop a multiview drawing using board drafting.
7. Develop a multiview drawing using CAD.
8. Explain the advantages of using solid models in CAD.