Orthographic Projections

Dr. Hodge Jenkins
MAE 205
MULTI-VIEW ORIENTATION: 3 VIEWS
Figure 2.37  Multiviews of Common Objects
MULTI-VIEW ORIENTATION
6 VIEWS
LINE WEIGHTS AND PRIORITY

Visible line

Hidden line

Center line

Dimension & Extension lines

Phantom line

Cutting plane lines

Construction line
Hidden Lines & Center Lines

Normal multiview drawing
Projecting Lines & Dimensions

Step 1

Step 2

Step 3

Step 4

Completed three-view sketch
Views have proper orientation & locations (FRONT, TOP, SIDE)
Examples
Examples

(22)

(23)