Chapter 1
Controlling Views
**Viewports 1.1**

**-Vports Command**

1. **Type** -VPORTS at the command prompt.
   
   Command: -vports
   
   Enter an option [Save/Restore/Delete/Join/SIngle/?/2/3/4] <3>: enter
   
   Enter a configuration option [Horizontal/Vertical/Above/Below/Left/Right] <Right>: enter
   
   Regenerating model.

2. **Click** once in each vport to make it active.

3. **Type** a ZOOM option in each viewport.

   **NOTE:** AutoCAD plots only the current vport.
3D Viewports 1.2

1. Choose View, Viewports, New Viewports
2. Click the dropdown option for Setup and click 3D.
3. Click OK.
Preset Views 1.3

1. Choose View, Named Views
2. Click Orthographic & Isometric Views tab of the View dialog.
3. Click One of the following view options:
   - Top
   - Bottom
   - Front
   - Back
   - Left
   - Right
   - Southwest Isometric
   - Southeast Isometric
   - Northeast Isometric
   - Northwest Isometric
4. Click the Set Current button
5. Click the OK button
**Vpoint Command (Tripod) 1.4**

Displays a compass and tripod for defining a view rotation. The compass represents a two dimensional globe.

1. **Choose** View, 3D Views, Vpoint
   
or
2. **Type** VPOINT at the command prompt.
   
   Command: `vpoint`
   
   Rotate/<View point> <-0.614,-0.614,0.500>: (enter)
3. **Click** a point on the compass to define the viewing angle.

**Vpoint Command (Rotate) 1.5**

Enters a rotation angle at the viewpoint prompt.

1. **Choose** View, 3D Views, Vpoint
   
or
2. **Type** VPOINT at the command prompt.
   
   Command: `vpoint`
   
   Rotate/<View point> <-0.614,-0.614,0.500>: R (enter)
   
Enter angle in XY plane from X axis <225>: 225 (enter)
   
Enter angle from XY plane <30>: 15 (enter)
   
   Regenerating drawing.
DDVpoint Command 1.6

1. Choose View, 3D Views, Viewpoint Preset
   
or
2. Type DDVPOINT at the command prompt.
   
   Command: ddvpoint
3. Set a viewing angle by typing the From X axis and XY Plane angle.
   
or
4. Pick a viewing angle in the 2 graphics
   
   Left graphic = From X Axis
   
   Right graphic = In XY Plane
5. Click OK.
Vpoint Command (Vector Option) 1.7

Enters coordinates at the viewpoint prompt.
1. **Choose** View, 3D Views, Vpoint
   or
2. **Type** VPOINT at the command prompt.
   Command: vpoint
   Rotate/<View point> <-1.690,-1.981,2.995>: -1,-1,1
   Regenerating drawing.

Other Preset Viewpoints 1.8

1. **Choose** View, 3D Views, and one of the following viewpoint options:
   Top, Bottom,
   Left, Right,
   Front, Back
   SW Isometric
   SE Isometric
   NW Isometric
   NE Isometric
Plan View 1.9

1. Choose View, 3D Views, Plan View the one of the following:
   - Current UCS, World UCS, Named UCS
     or
   2. Type PLAN at the command prompt.
   Command: plan
   Enter an option [Current ucs/Ucs/World] <Current>:
   Regenerating model.

   - **Current ucs** Goes to the plan view of the current UCS.
   - **Ucs** At the command line type in a name of a previously named Coordinate System.
   - **World** Goes to the plan view of the World Coordinate System.