HOW TO CENTER AN ORTHOGRAPHIC DRAWING

1. Layout border lines and title block with construction lines.

2. Determine the front view length, front view height, and side/top view width of the object.

3. Add the *front view length + the side view width* in order to determine the overall length of the object in the orthographic drawing.

4. Subtract the *Step 3* Answer from the total width of the drawing space present on the paper.

5. Divide the answer from *Step 4 by 3*. This number will represent the spacing between the left and right borders and all views. You will need to add this number to the answer you find in Step 6.

6. Add the *front view height + top view width + Step 5* Answer in order to determine the overall height of the object in the orthographic drawing.

7. Subtract the *Step 6* Answer from the total height of the drawing space present on the paper.

8. Divide the answer from *Step 7 by 2*. This number will represent the location **UP** from the base point that was determined in *Step 5*. This is the Starting Point for the orthographic drawing.