|  |  |
| --- | --- |
| Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_  Due Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |

With a wood block from your teacher, draw a **scaled** (measure the block) orthographic drawing using drafting tools on the **back of this page or on a plain piece of paper**.

Line up the views so that the top view is directly above the front view and the side view is directly to the right of the front view. BLOCK # \_\_\_\_\_

Once you have completed the drawing, check to see if you have completed the following ( Grade Yourself ! ) :

|  |  |  |
| --- | --- | --- |
| **You should have done:** | Yes | No |
| Drew the object straight on (not drawn on an angle) | \_\_\_\_\_ 1 pt | \_\_\_\_\_\_ 0 pts |
| Selected the front view as the side that best shows what the object looks like and placed that view in the lower left hand corner of your paper. | \_\_\_\_\_ 1 pt | \_\_\_\_\_\_ 0 pts |
| Drew three views of the object – front, top, right sides. | \_\_\_\_\_ 1 pt | \_\_\_\_\_\_ 0 pts |
| Placed the top view directly above the front view. | \_\_\_\_\_ 1 pt | \_\_\_\_\_\_ 0 pt |
| Placed the right view directly to the right of the front view. | \_\_\_\_\_ 1 pt | \_\_\_\_\_\_ 0 pt |
| Drew the length, width, and height to the correct lengths – with an accuracy of the nearest 1/16.” | \_\_\_\_\_ 3 pt | \_\_\_\_\_\_ 0 pt |
| Used lines to show the changes in shape. | \_\_\_\_\_ 1 pt | \_\_\_\_\_\_ 0 pt |