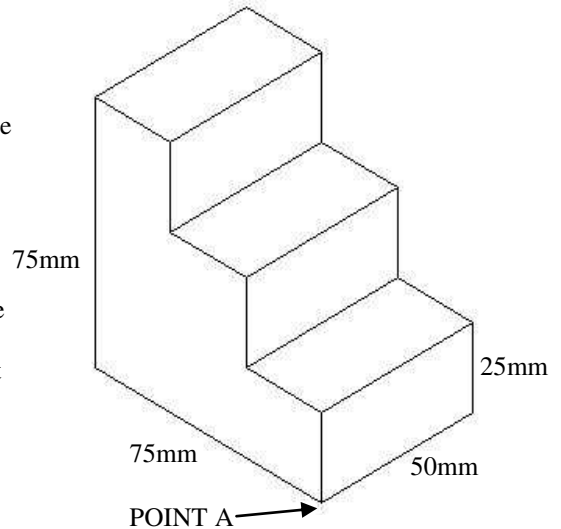


Isometric Drawing – Assignment #3 (Using Tools)

1. Get a piece of blank 8 ½” x 11” paper (Letter).
2. Setup the paper on the drawing board in landscape. Tape it down, parallel to the t-square.
3. Using the T-square and setsquare, draw a boarder 10mm in around the outside edge of the paper.
4. In the bottom right corner, draw a title box for your name that is 100mm long by 20mm high. Divide it in half horizontally. The top box is where the title will go.
5. Divide the bottom box vertically 60mm and 40mm. The bottom left box is where your name will go and the bottom right box is where the date will go.
6. Remember – isometric is where all the lines recede to the left or right at a 30 degree angle using the setsquare.



- To start, draw a vertical centre line (construction line) about 140mm from the LEFT border. Then measure up from the BOTTOM border 30mm. This is Point A (where you will start).
- Using the setsquare, draw the receding lines (construction lines) to the left (75mm) and to the right (50mm).
- Draw the two outside vertical lines 75mm high (construction lines).
- Without measuring ANYMORE, complete a 3d “box” using just the t-square and setsquare still using construction lines.
- Once the “box” has been completed add the detail of the steps. To do this, first divide the bottom left line and the original centre vertical line into 25mm segments. These are the ONLY measurements you need to do!!!
- Now, using your t-square and setsquare complete ALL the details of the drawing still using construction lines.
- Carefully ERASE all unwanted lines (you can use an eraser shield).
- NOW, darken all the OBJECT lines and the BORDER in and then clean up ANY other lines that don’t perfectly meet using the eraser shield.
- Make sure the title (Isometric Stairs), your name and date are printed in CAPITAL LETTERS neatly. To do this, use light horizontal construction lines 7mm tall as guidelines within your title block to keep the text neat.
- Submit for marking

Marking Criteria

Line and pencil techniques used correctly _____/2
(boxed out method, construction lines, etc)

Instructions followed _____/3
(title block, lines darkened, position, etc)

Appearance _____/5
(no smudges, lines meet perfectly, etc)

Name: _____