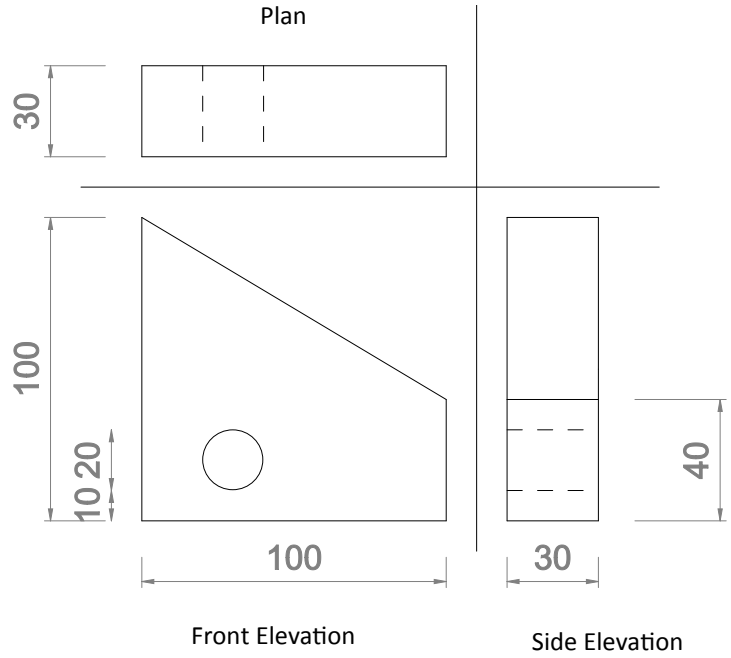
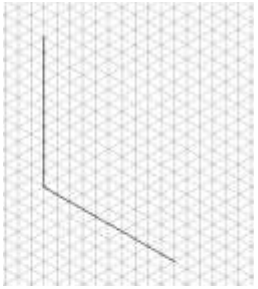
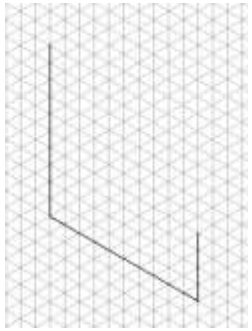
Conversion Drawing Task 1:

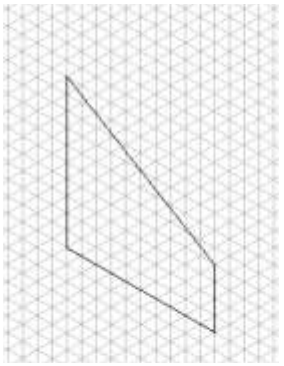




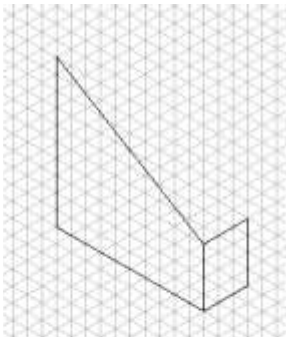
1. Use the front elevation as your starting point. Begin your lines from the bottom left hand corner of the shape. Measure 100mm in a vertical and horizontal direction (on the grid).



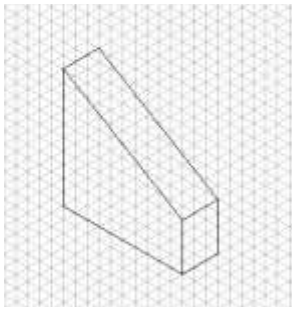
2. Draw a line 40mm vertically from the end of the horizontal line, this will form the front height of the shape.



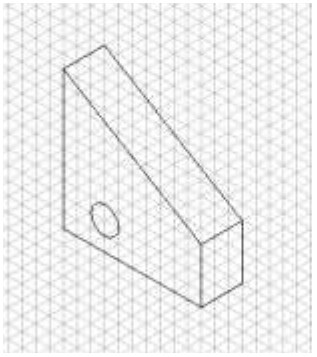
3. Join the end of the 2 vertical lines together to create the angle.



4. Look at the side elevation. Draw horizontal lines of 30mm to show the depth of the shape as shown on the side elevation.

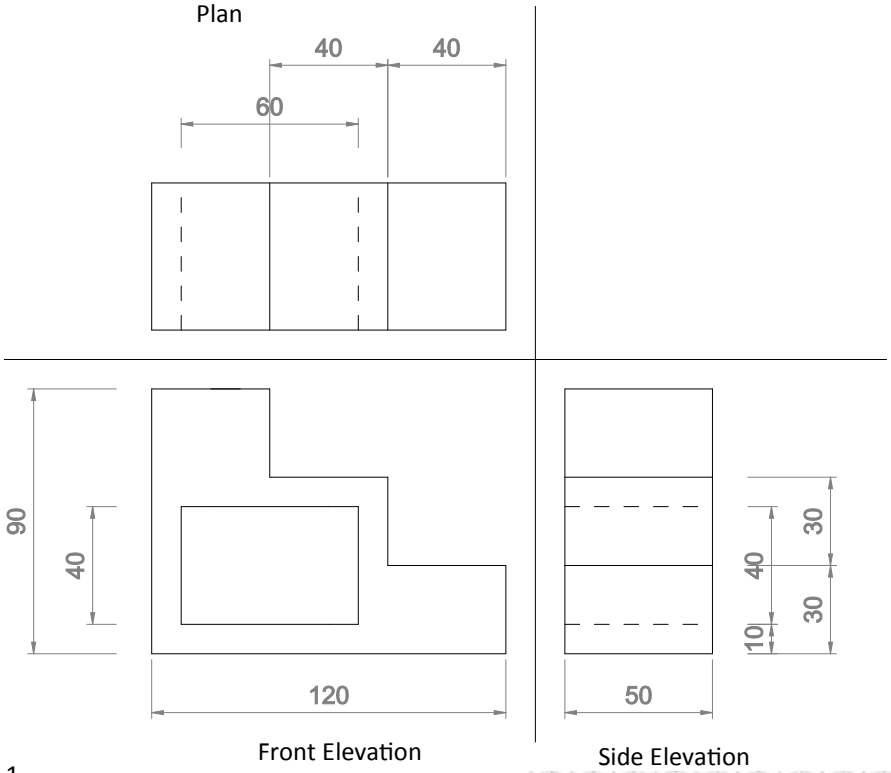


5. Look at the plan. Draw horizontal lines of 30mm to show the depth of the shape as shown on the plan. Complete the back of the shape with a angled line .



6. Look at the front elevation. Draw a isometric circle to show the tube which runs through the shape.

Conversion Drawing Task 2:



Remember:

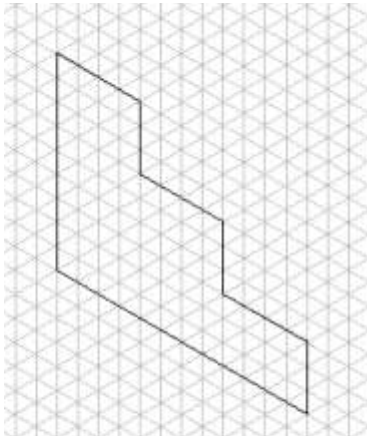
⇒ Unless the elevations / plan show an angled line, all lines should follow the isometric grid.

⇒ Dotted lines on an elevation / plan show hidden lines and how they travel through the shape.

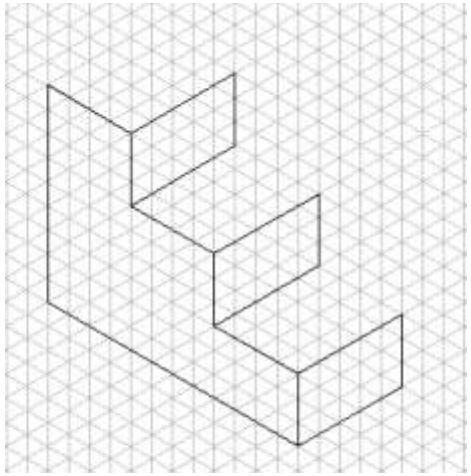
⇒ Draw the view of the front elevation first, then look at either the plan or side view and how it connects to the front elevation.

⇒ Where there is a cut through a shape, consider any additional lines which are required.

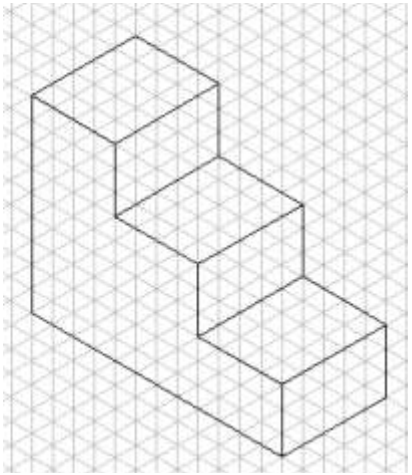
1.



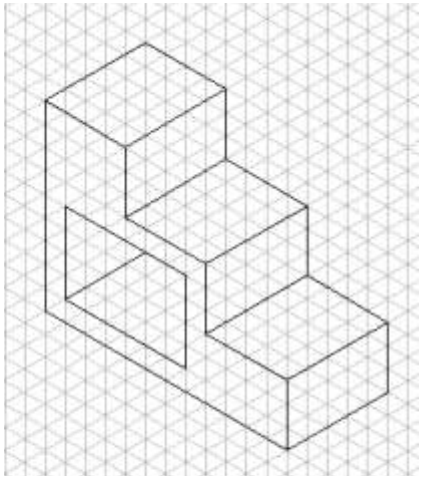
2.



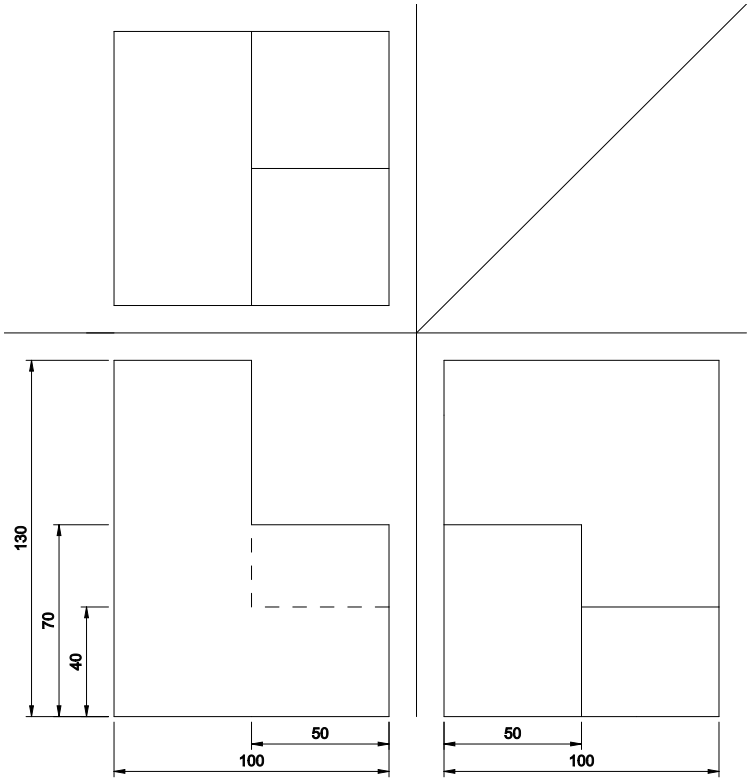
3.

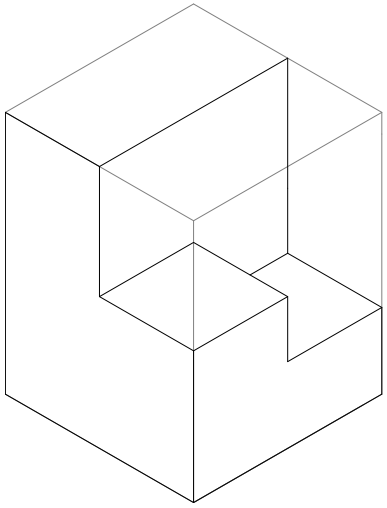


4.



Conversion Drawing Task 3:





Conversion Drawing Task 4: