



What does a completed Orthographic drawing look like?

The drawing below shows an orthographic drawing of an iPod Nano. It follows the standards we have looked at in terms of its layout and the position of the views. These are labeled in block capitals. The dimensions are added in mms following the correct standards. The title block is used and has information about the scale, projection and who and when it was drawn. It is drawn in 3rd Angle Orthographic Projection.

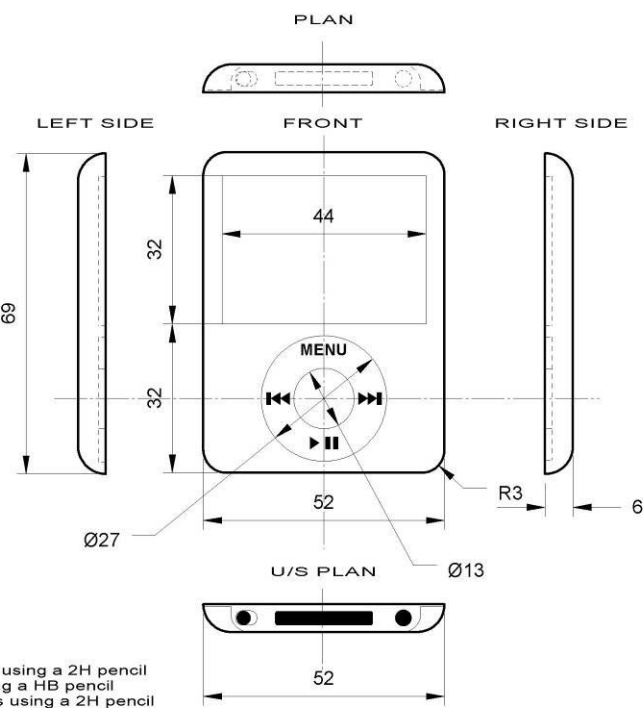


Apple

iPod Nano



ALL DIMENSIONS IN mms



INSTRUCTIONS


1. Complete the Views using a 2H pencil
2. Label the Views using a HB pencil
3. Add Key Dimensions using a 2H pencil
4. Add Weighted Line to the Views
5. Fill in the Title Block
6. CHECK YOUR WORK


NAME	JONATHAN IVE
FORM	9A
DATE	1st June 2010
TEACHER	MR PETTIT
DRAWING NUMBER	01
SCALE	1:1 FULL SIZE
PROJECTION USED	
1ST ANGLE	
3RD ANGLE	

The drawing also includes a picture of the product that has been drawn and also the logo of the company. In this case Apple based in California, who manufacture the product. We should also acknowledge the designer Jonathan Ive.

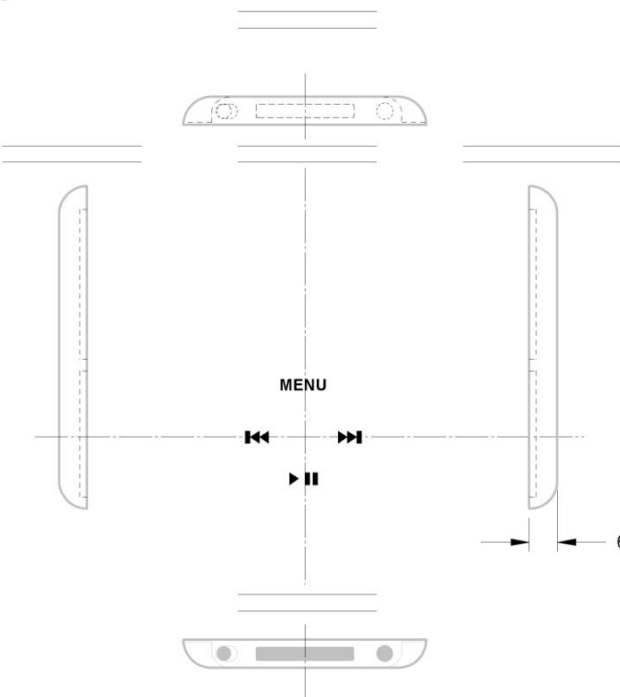
DRAWING TASK iPod Nano.


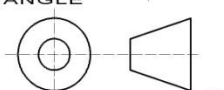
There is an exercise sheet that you can use to complete the views and add dimensions to the iPod Nano.





iPod Nano



NAME	
FORM	
DATE	
TEACHER	
DRAWING NUMBER	
SCALE	
PROJECTION USED	
1ST ANGLE	
	
3RD ANGLE	
	

INSTRUCTIONS

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The product can also be rendered up using CAD software in 2D Design or in 3D modeling software such as Pro Desk Top or Pro Engineer.





iPod Nano



NAME	JONATHAN IVE	
FORM	9A	
DATE	1st June 2010	
TEACHER	MR PETTIT	
DRAWING NUMBER	02	
SCALE	1:1 FULL SIZE	
PROJECTION USED		
1ST ANGLE		
3RD ANGLE		

Sketching and Planning an Orthographic Drawing

It does help to plan what you will be drawing before you start. This would involve working out the sizes if you are designing a new product or measuring something you are going to draw. In order to draw the iPod Nano orthographic drawing a sketch was made and dimensions were added to it to plan it out. The views to be drawn were also planned out.

