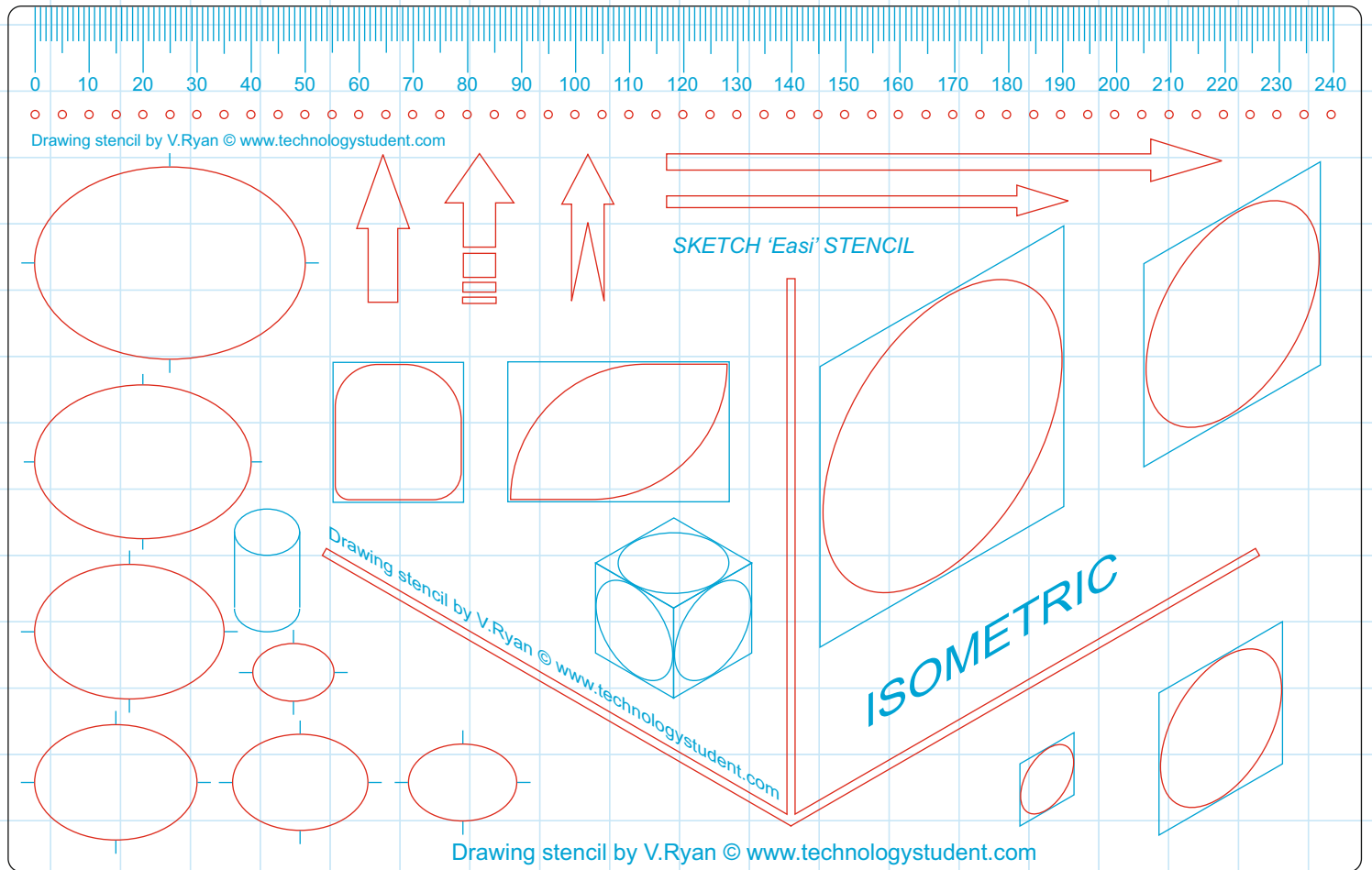


SKETCH EASi STENCIL

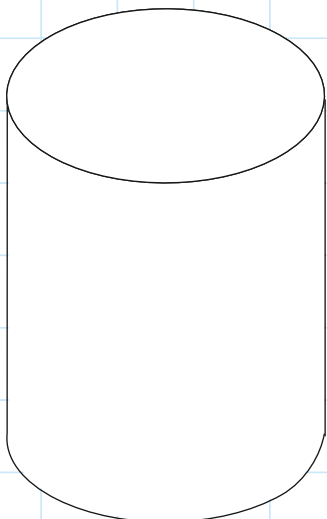
For these exercises, you will need to use a SKETCH EASi Stencil. The dxf file can be downloaded from http://www.technologystudent.com/despro_fish/sketch_easi1.html. Use a laser cutter to manufacture the stencil (blue lines - etch AND red lines - cut through).

LESSONS 1 and 2

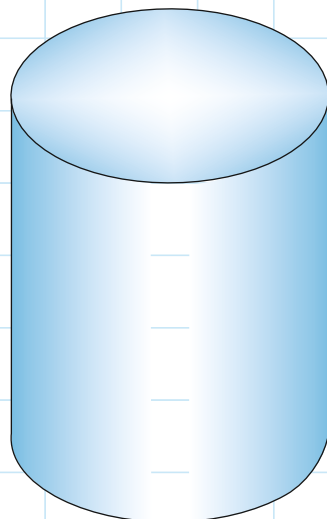
DRAWING A CYLINDER, A SHAPE BASED ON CONES AND QUICK, EFFECTIVE SHADING TECHNIQUES



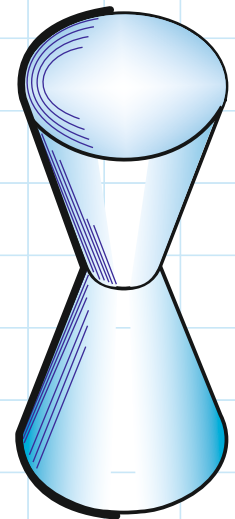
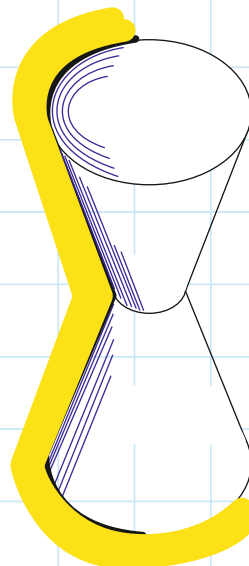
OUTLINE



SHADED



THICK AND THIN LINES TECHNIQUE



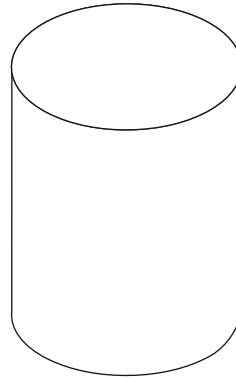
LESSON 1 - DRAW A CYLINDER USING THE SKETCH EASI STENCIL

For these exercises, you will need to use a SKETCH EASI Stencil. The dxf file can be downloaded from http://www.technologystudent.com/despro_flesh/sketch_easi1.html. Use a laser cutter to manufacture the stencil (blue lines - etch AND red lines - cut through).

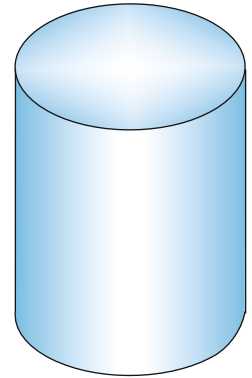
1. EXERCISE 1

In this exercise, you will draw a cylinder accurately and then add colour / shade, using a single coloured pencil..

OUTLINE



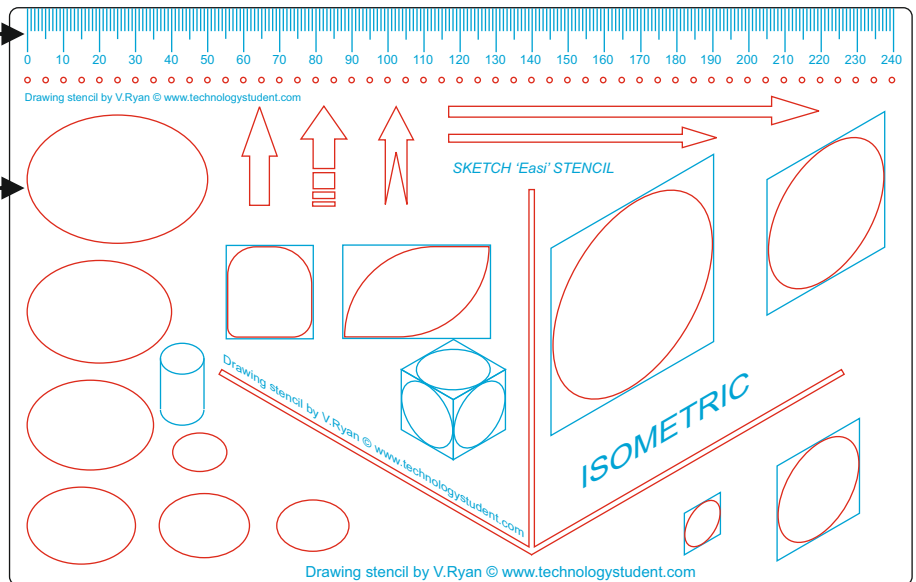
SHADED



2.

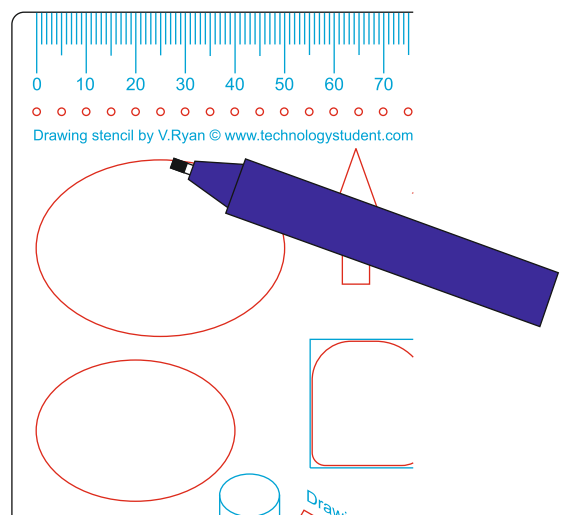
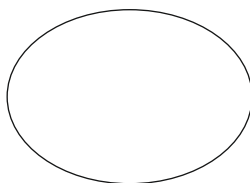
You will be using the ruler / straight edge.

You will be using the ellipse / oval shapes.

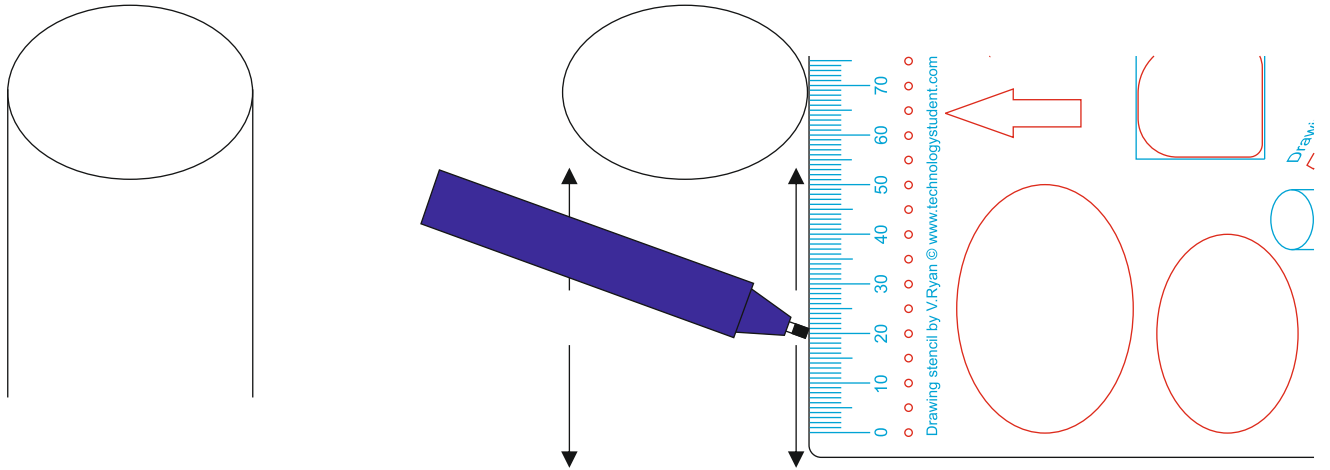


3. LET'S GET STARTED

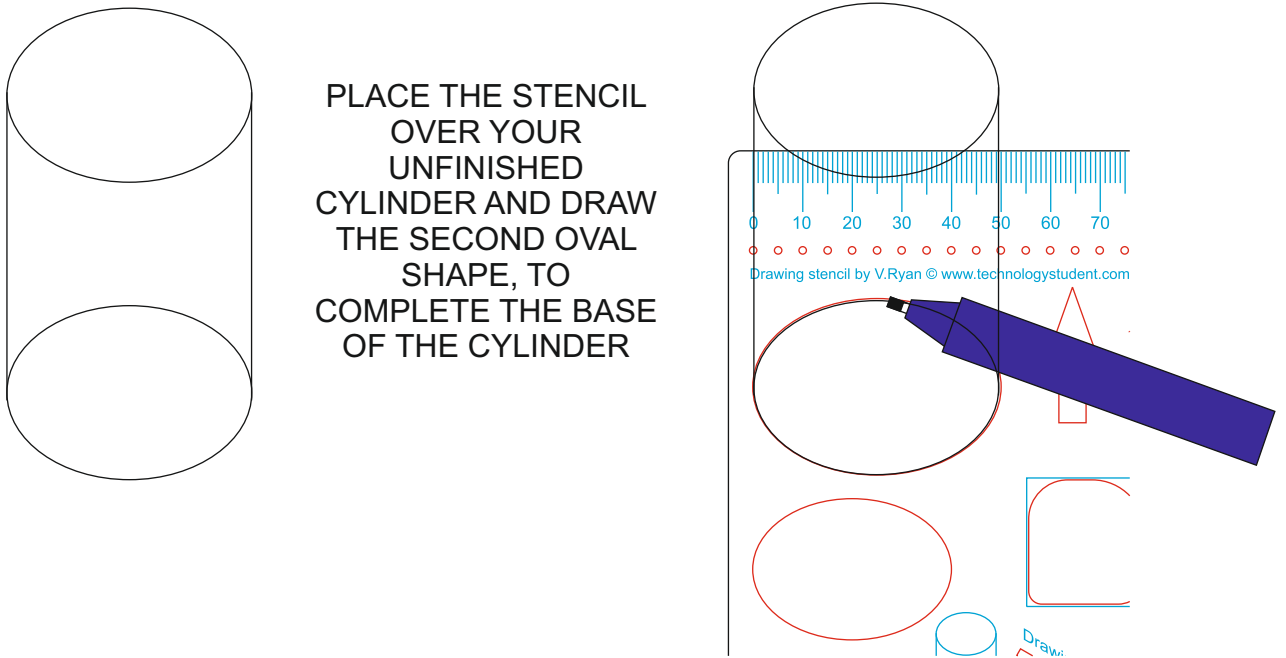
START BY SELECTING THE LARGEST OVAL SHAPE AND DRAW ROUND IT, PRODUCING AN OVAL, NEAR THE TOP OF THE PAPER.



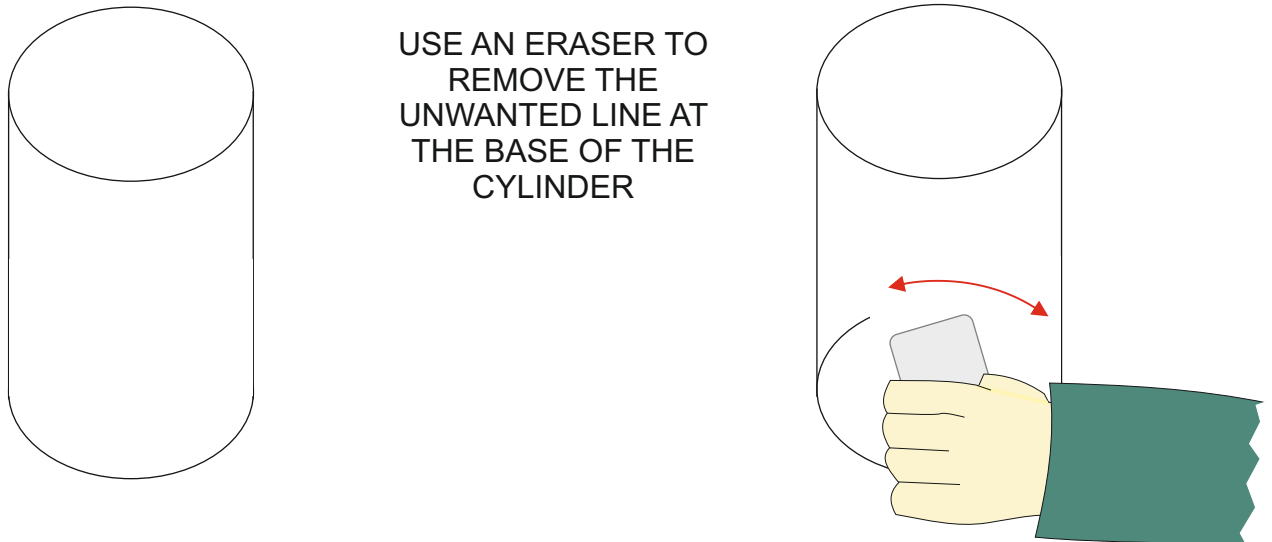
4. DRAW TWO VERTICAL LINES USING THE STRAIGHT EDGE OF THE STENCIL. EACH LINE SHOULD TOUCH THE OVAL AND BE THE SAME LENGTH.



5. PLACE THE STENCIL OVER YOUR UNFINISHED CYLINDER AND DRAW THE SECOND OVAL SHAPE, TO COMPLETE THE BASE OF THE CYLINDER



6. USE AN ERASER TO REMOVE THE UNWANTED LINE AT THE BASE OF THE CYLINDER

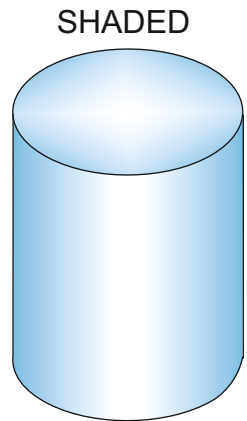


7.  USE THE LINKS TO www.technologystudent.com (below), to learn how to shade the cylinder you have drawn, using the EASi Sketch Stencil. Watch the video(s) on the web pages, as well.

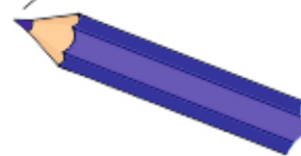
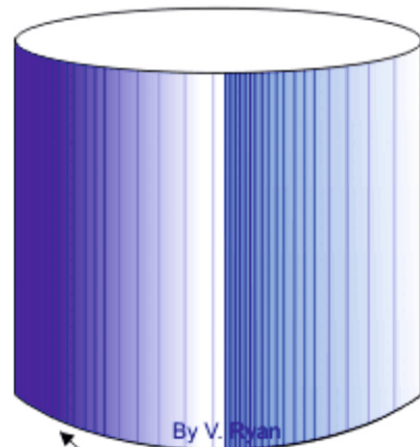
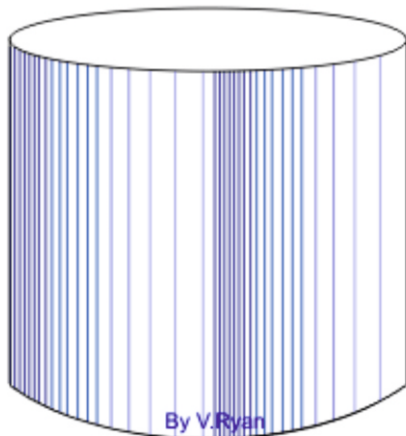
Draw two more cylinders and practice the various shading techniques.

<http://www.technologystudent.com/despro2/drawtec3a.htm>

<http://www.technologystudent.com/designpro/drawtec4.htm>



EXAMPLE SHADING TECHNIQUES



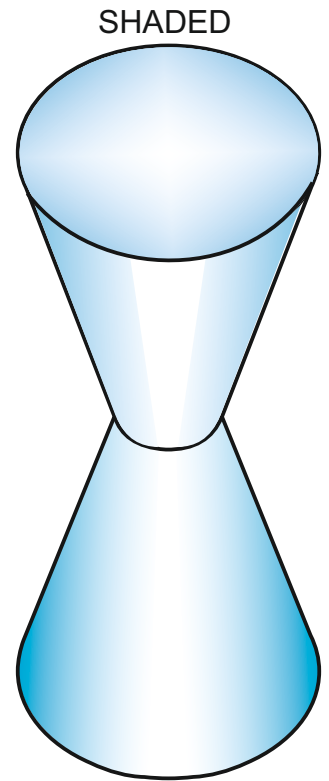
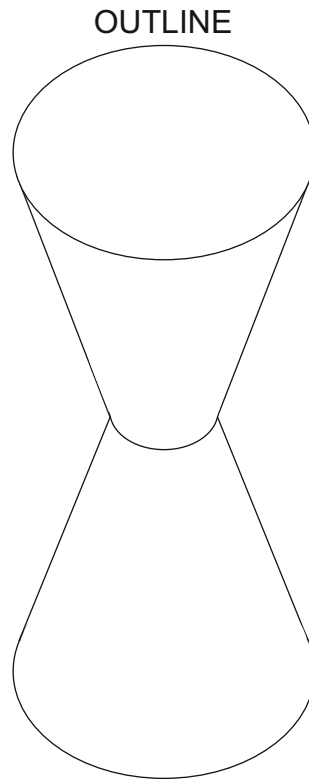
TRY THE LINKS BELOW FOR A VAST RANGE OF EXERCISES,
INFORMATION AND INSTRUCTIONS - IN THE USE OF DRAWING
AND SHADING TECHNIQUES

http://www.technologystudent.com/despro_flsh/graphics_main1.html

<http://www.technologystudent.com/designpro/drawdex.htm>

8. EXERCISE 2

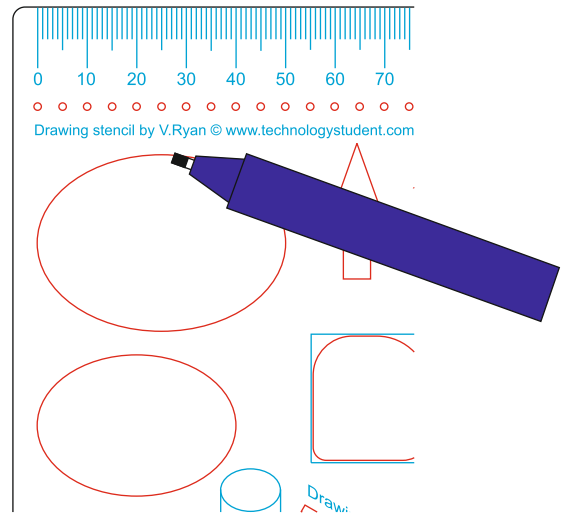
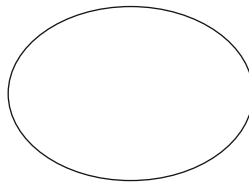
In this exercise, you will draw the shape seen opposite accurately and then add colour / shade, using a single coloured pencil.



9.

LET'S GET STARTED

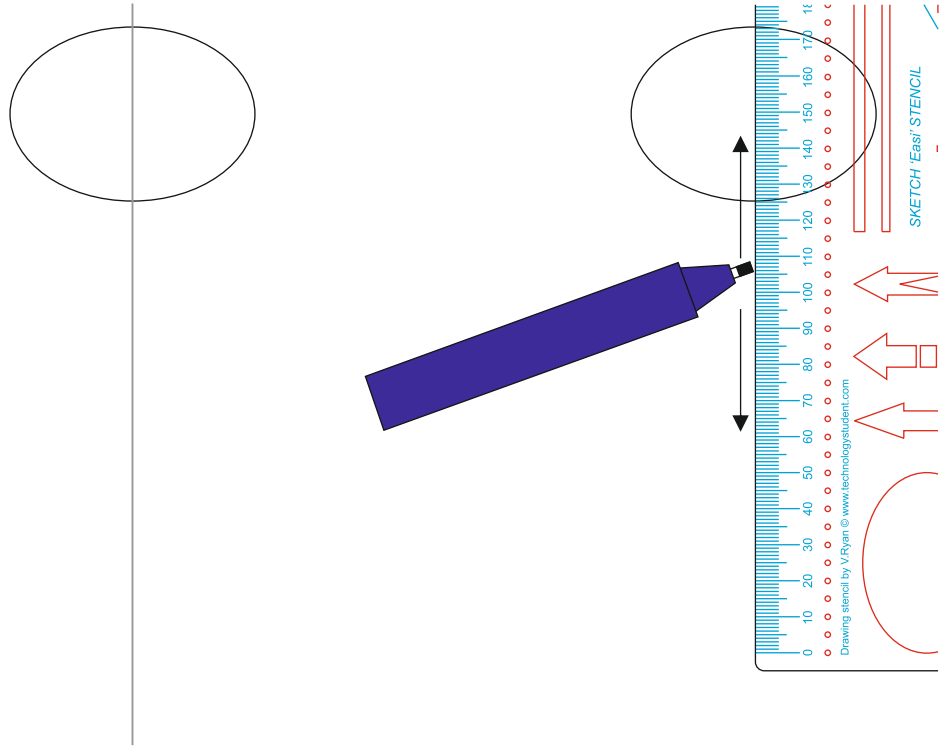
START BY SELECTING THE LARGEST OVAL SHAPE AND DRAW ROUND IT, PRODUCING AN OVAL ON THE PAPER.



10.

DRAW A FEINT LINE DOWN THE CENTRE OF THE FIRST OVAL.

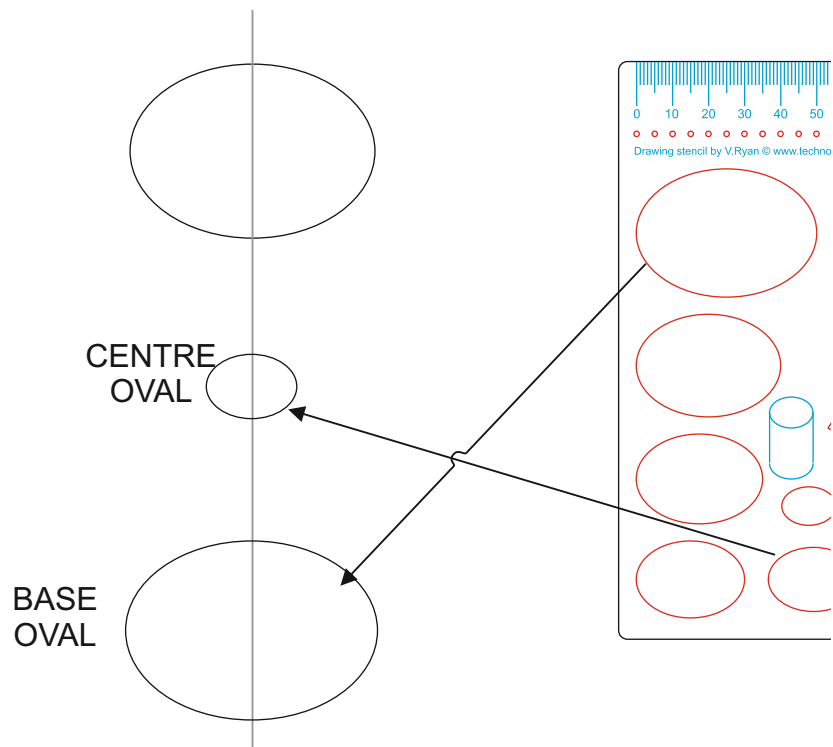
THIS IS CALLED A CENTRE LINE AND IT HELPS TO LINE UP SEPARATE OBJECTS / PARTS OF THE DRAWING.



11.

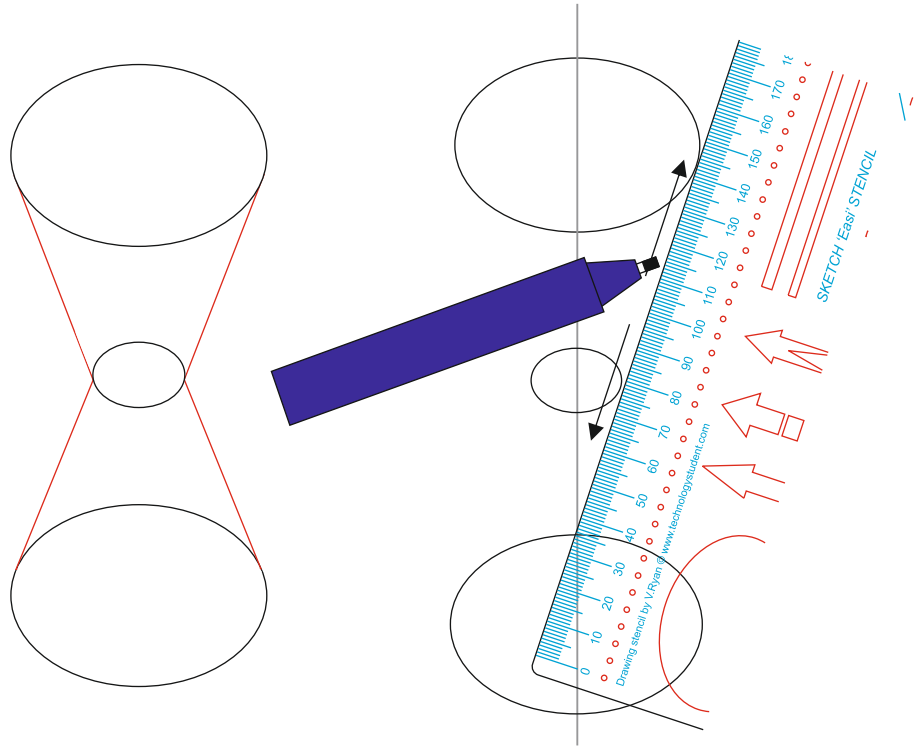
DRAW THE CENTRE OVAL AND THE OVAL AT THE BASE, AFTER SELECTING A SUITABLE SIZE FROM THE STENCIL.

ALL THREE OVALS SHOULD BE CENTRED ON THE VERTICAL LINE



12.

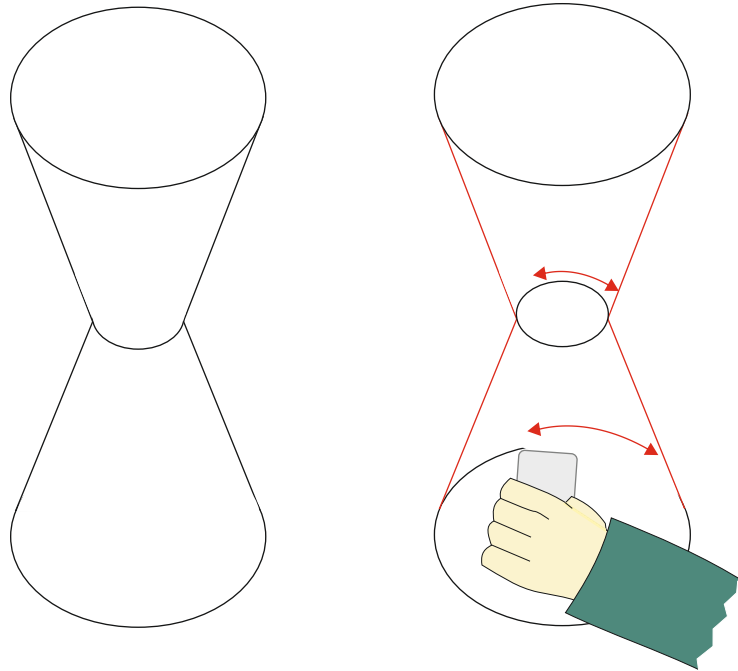
JOIN THE OVAL SHAPES,
USING THE STRAIGHT
EDGE OF THE STENCIL, AS
SHOWN OPPOSITE



13.

FINAL OUTLINE

USE AN ERASER TO
REMOVE ANY UNWANTED
LINES, LEAVING THE
OUTLINE DRAWING.



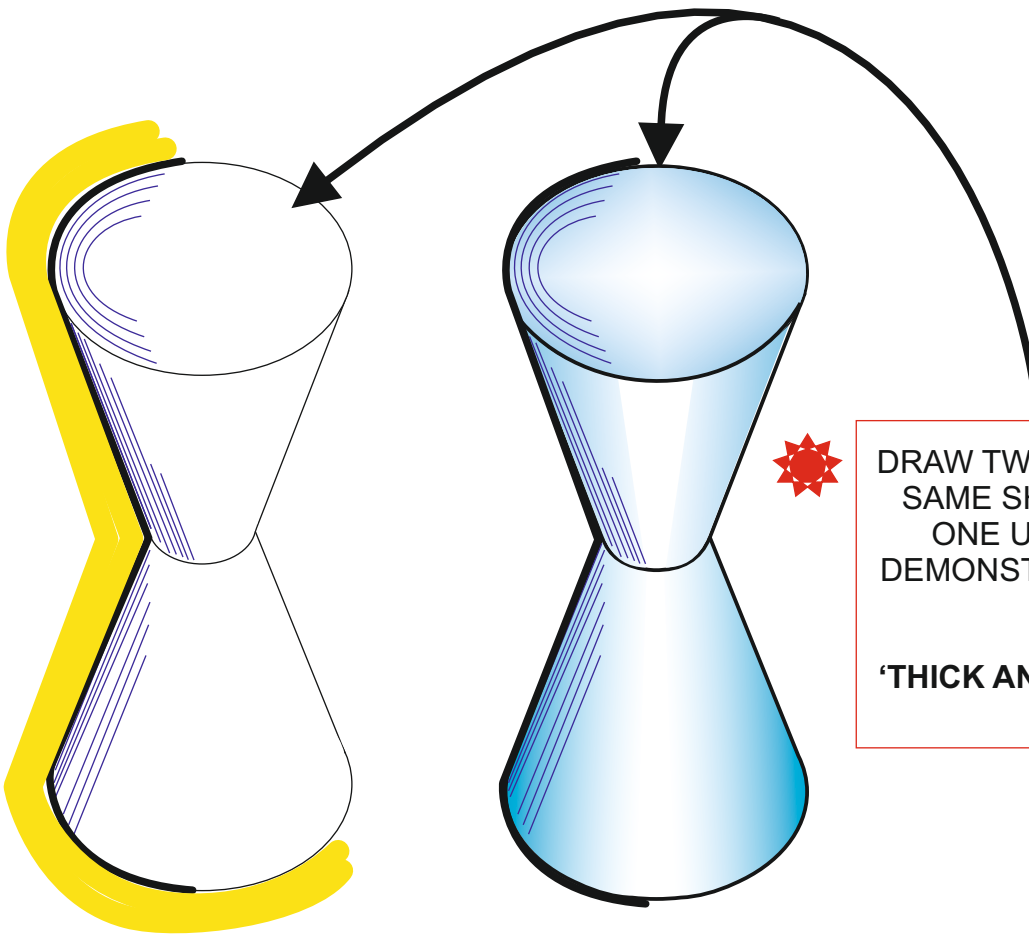
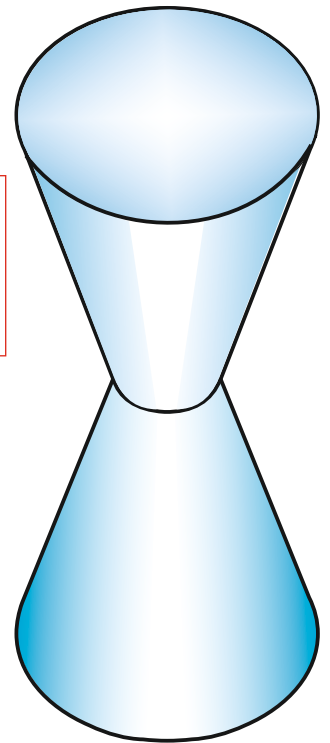
14.  USE THE LINKS TO www.technologystudent.com (below), to learn how to shade the shape you have drawn, using the Sketch EASi Stencil. **Watch the video(s) on the web pages, as well.**

Draw a second similar shape using the same techniques and add appropriate colour / shade

<http://www.technologystudent.com/despro2/drawtec3a.htm>

<http://www.technologystudent.com/designpro/drawtec4.htm>

SHADED



DRAW TWO MORE OUTLINES OF THE SAME SHAPE, THEN SHADE EACH ONE USING THE TECHNIQUES DEMONSTRATED BY THE WEB LINKS BELOW

'THICK AND THIN LINES TECHNIQUE'

WEB LINKS - THICK AND THIN LINES TECHNIQUE

<https://www.youtube.com/watch?v=IUVBBv8ZO1Y>

http://www.technologystudent.com/despro_flash/thickline1.html

http://www.technologystudent.com/despro_flash/thick2.html

http://www.technologystudent.com/despro_flash/thickline3.html

http://www.technologystudent.com/despro_flash/thickline4.html

http://www.technologystudent.com/despro_flash/thickline5.html

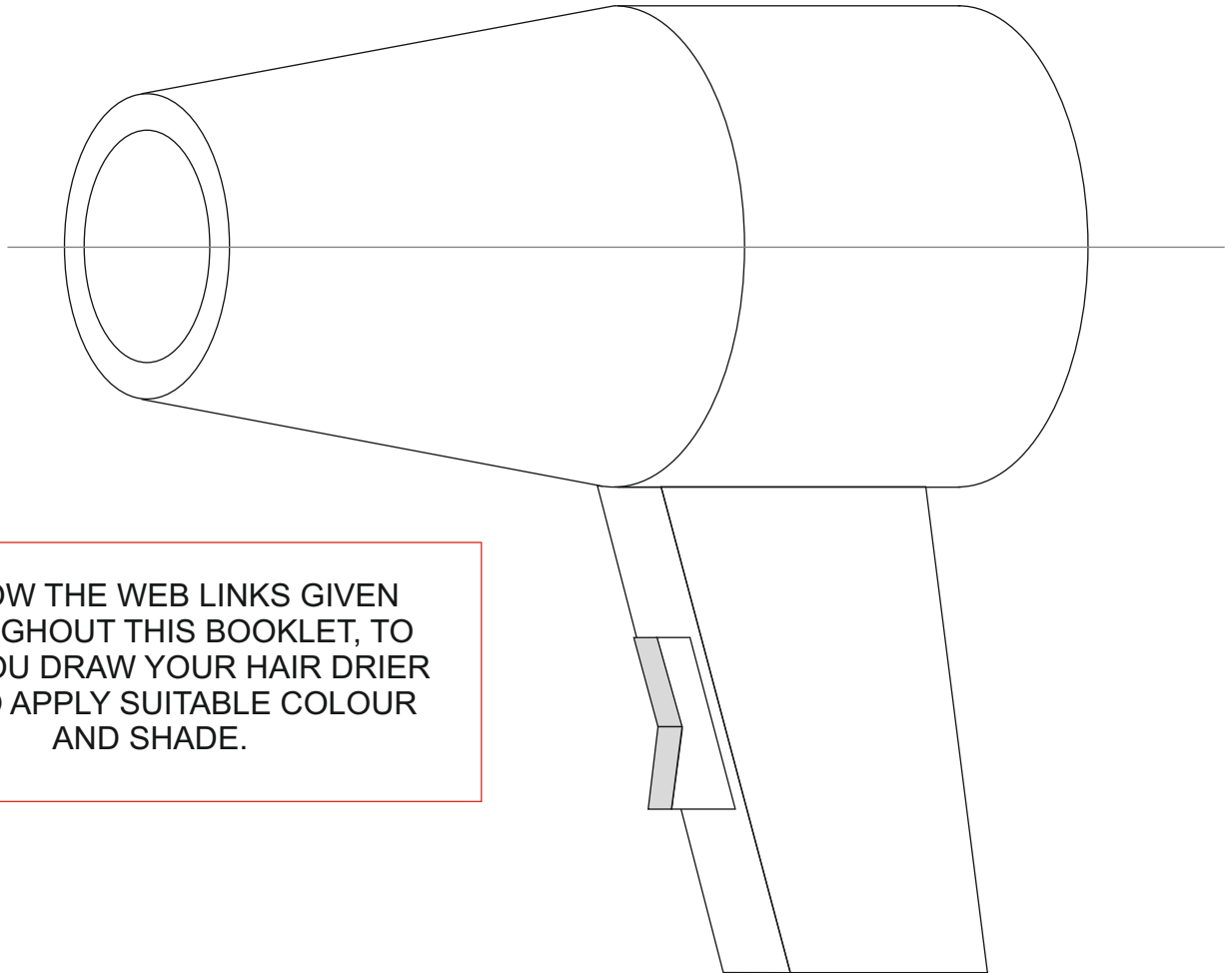
15. EXTENSION TASK

BELOW IS A BASIC DRAWING OF AN HAIR DRIER.

DRAW YOUR VERSION OF THE HAIR DRIER, USING THE SKETCH EASi STENCIL. (PLEASE NOTE, THAT THE SIZE OF YOUR DRAWING, WILL BE DETERMINED BY THE SIZE OF THE OVALS AVAILABLE ON THE STENCIL).

ADD AS MUCH DETAIL AS YOU FEEL IS NECESSARY.

ADD COLOUR AND SHADE, USING AN APPROPRIATE TECHNIQUE.



FOLLOW THE WEB LINKS GIVEN THROUGHOUT THIS BOOKLET, TO HELP YOU DRAW YOUR HAIR DRIER AND TO APPLY SUITABLE COLOUR AND SHADE.