

CAMBRIDGE INTERNATIONAL EXAMINATIONS
Cambridge Career Award in Information and Communications Technology
Foundation Level

COMPUTER GRAPHICS

5184/A

Optional Module: Practical Assessment

2003

45 minutes

No Additional Materials are required.

READ THESE INSTRUCTIONS FIRST

Make sure that your name, Centre number and candidate number are shown on each printout that you are asked to produce.

Carry out **every** instruction in each task.

Tasks are numbered on the left hand side of the page, so that you can see what to do, step by step. On the right hand side of the page for each task you will find a box which you can tick (✓) when you have completed the task; this checklist will help you to track your progress through the assessment.

Before each printout you should proof-read the document to make sure that you have followed all instructions correctly.

At the end of the assessment put **all** your printouts into the Assessment Record Folder.

This document consists of **4** printed pages.

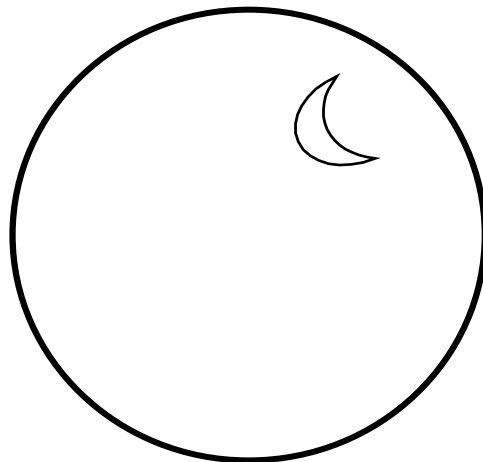


You work for an international company called Hothouse Design. You are going to design a new logo for Star Services.

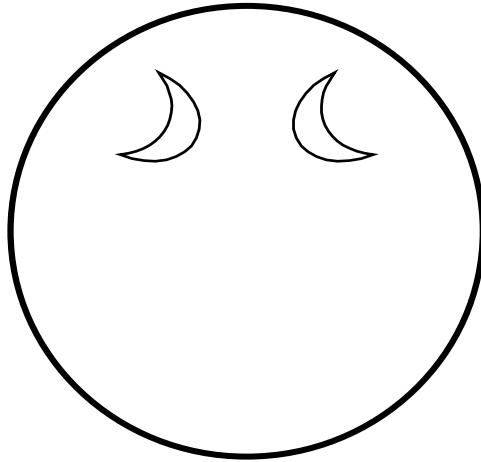
- 1 Using a suitable software package, start a new drawing which will fit on a single sheet of paper and look like this:



- 2 Draw a large circle.
Draw a crescent moon shape and place it in the top right of the of the circle 1.1.1

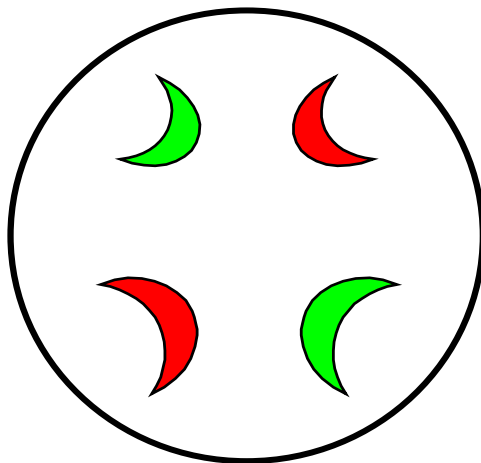


- 3 Make a copy of the moon shape. Flip this shape horizontally and place it in the top left of the circle. The image should now look like this: 2.1.1
2.4.1



- 4 Shade each of the moon shapes with a different colour. 2.3.1
2.3.2

- 5 Make a copy of the two moon shapes. Increase the size of these two shapes by about 25%. Rotate these two copies of the moon shape by 180 degrees and place them in the lower half of the circle. 2.1.1
2.2.1
2.4.1



- 6 Fill the circle with a new colour or shade and change the colour of the circle line to red and 3 points thick so that it shows up clearly. [✓] 2.3.1
2.3.2

- 7 Add the text **Star Services** and place it across the circle so that the logo looks like this. 1.2.1



- 8 Add your name and today's date to the bottom of the page. Save your drawing using a new filename and print the drawing. 3.1.1

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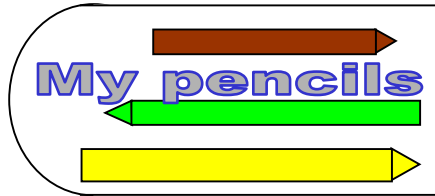
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This document consists of **3** printed pages.

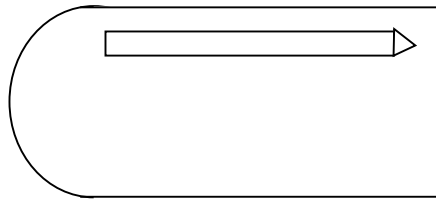


You work for an international company called Hothouse Design. You are going to produce a design for a pencil box

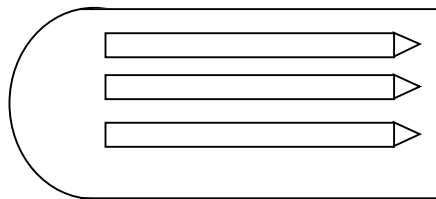
- 1 Using a suitable software package, start a new drawing which will fit on a single sheet of paper and look like this:



- 2 Draw a rectangle with a curved end for the box. In the box draw a pencil. 1.1.1



- 3 Make two copies of the pencil and place these in the box below the first one. The copies should be the same size as the original pencil. 2.1.1

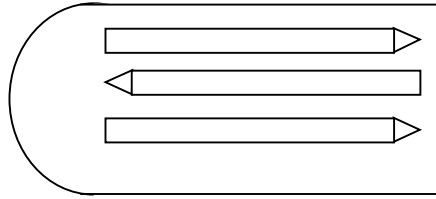


- 4 Print a draft copy of the image. 3.1.1

- 5 Flip the middle pencil horizontally.



2.4.1



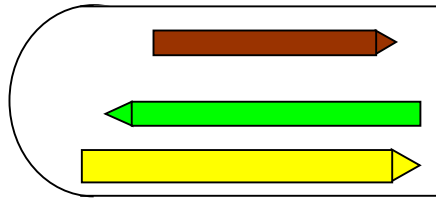
- 6 Fill the three pencil shapes with different colours or distinctive patterns.

2.3.1
2.3.2

- 7 Reduce the size of the top pencil by approximately 20% and increase the size of the bottom pencil by approximately 20%. (The 'pencils' should all still fit within the 'box')



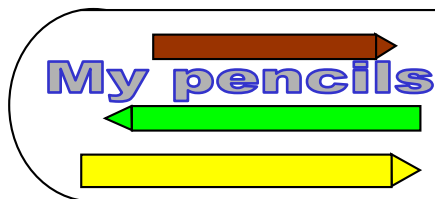
2.2.1



- 8 Add the text **My pencils** and place it in the box between the pencils.



1.2.1



- 9 Add your name and today's date to the bottom of the page. Save your drawing using a new filename and print the drawing.



3.1.1

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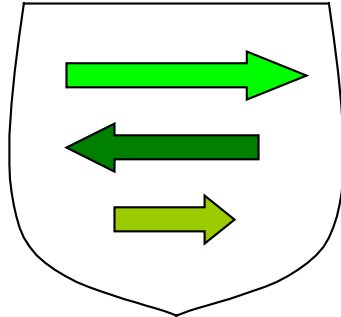
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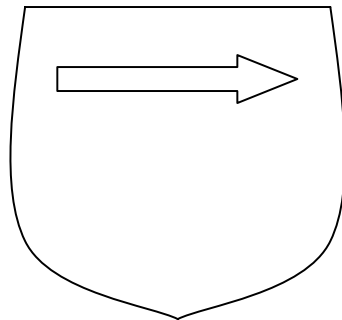


You work for an international company called Hothouse Design. You are going to produce a logo for a training company.

- 1 Using a suitable software package, start a new drawing of a shield which will fit on a single sheet of paper and look like this:

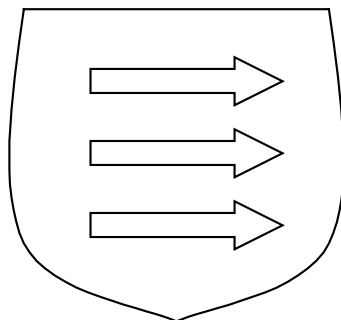


- 2 Draw a shape to represent the shield. Draw and place an arrow inside the shield. 1.1.1



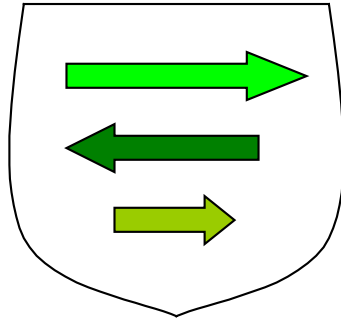
You should leave enough space below your drawing for a line of text.

- 3 Make two identical copies of the arrow and place these in the shield below the first one. 2.1.1



- 4 Print a draft copy of the image. 3.1.1

- 5 Flip the middle arrow horizontally. 2.4.1 ✓
- 6 Fill in the three arrows in different colours or distinctive patterns. 2.3.1
2.3.2
- 7 Reduce the size of the bottom arrow by 50% and increase the size of the top arrow by 20%. Ensure that all three arrows still fit within the shield 2.2.1



- 8 Add the text **Pathways Training** and place it below the logo. 1.2.1
- 9 Add your name and today's date to the bottom of the page. Save your drawing using a new filename and print the drawing. 3.1.1