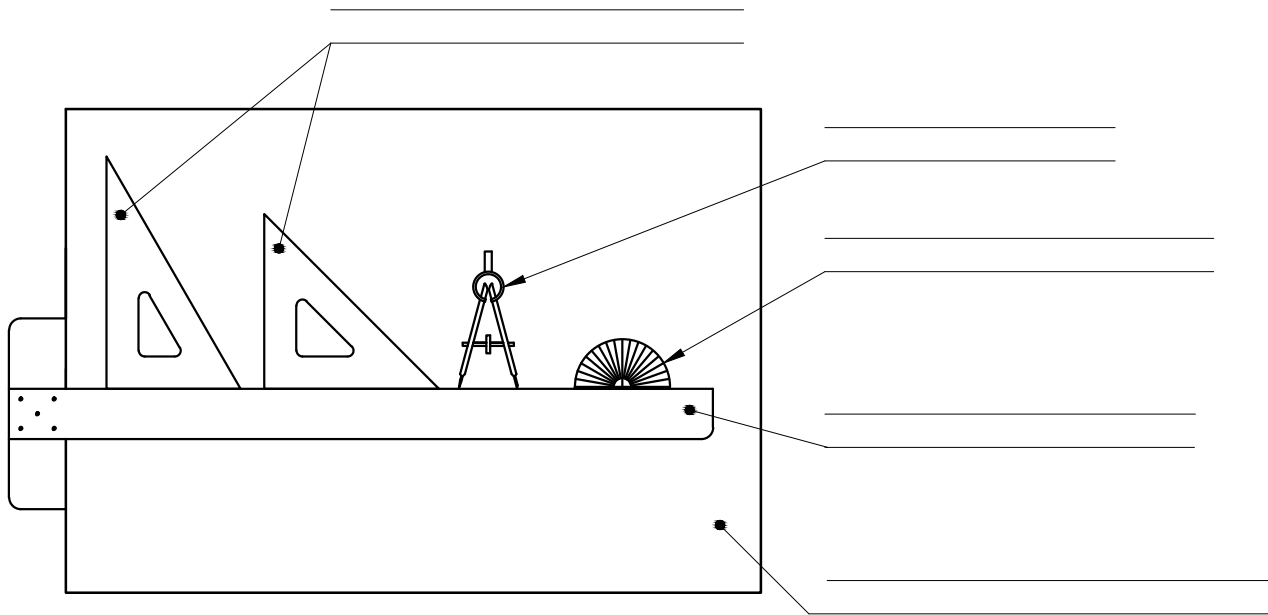


QUESTION 1. In the title (name) block printed at the bottom of each sheet, print in freehand simple block letters, your name and surname, your class and the date. 6 marks

QUESTION 2. a) The drawing given below shows the main items used by the student during a Graphical Communication lesson. Print down (in block letters) in the given guide lines, the name of each item indicated. Note: Marks will be awarded for correct answers and neat lettering.

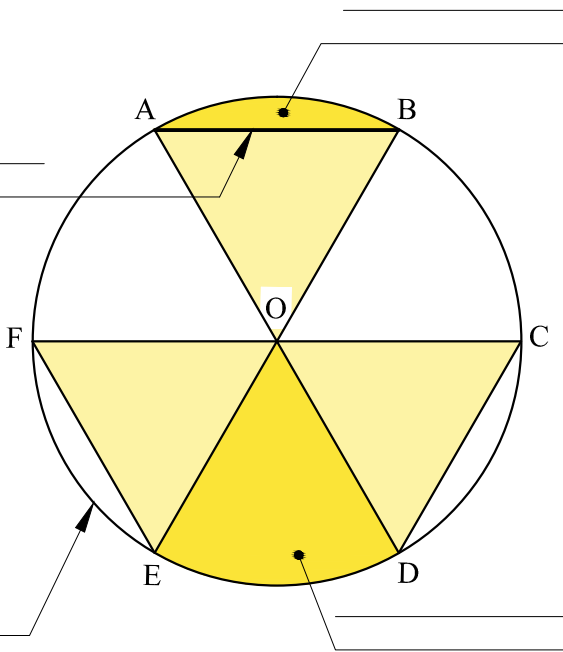
14 marks



b) Print down (in block letters) the names of the parts indicated in the circle.

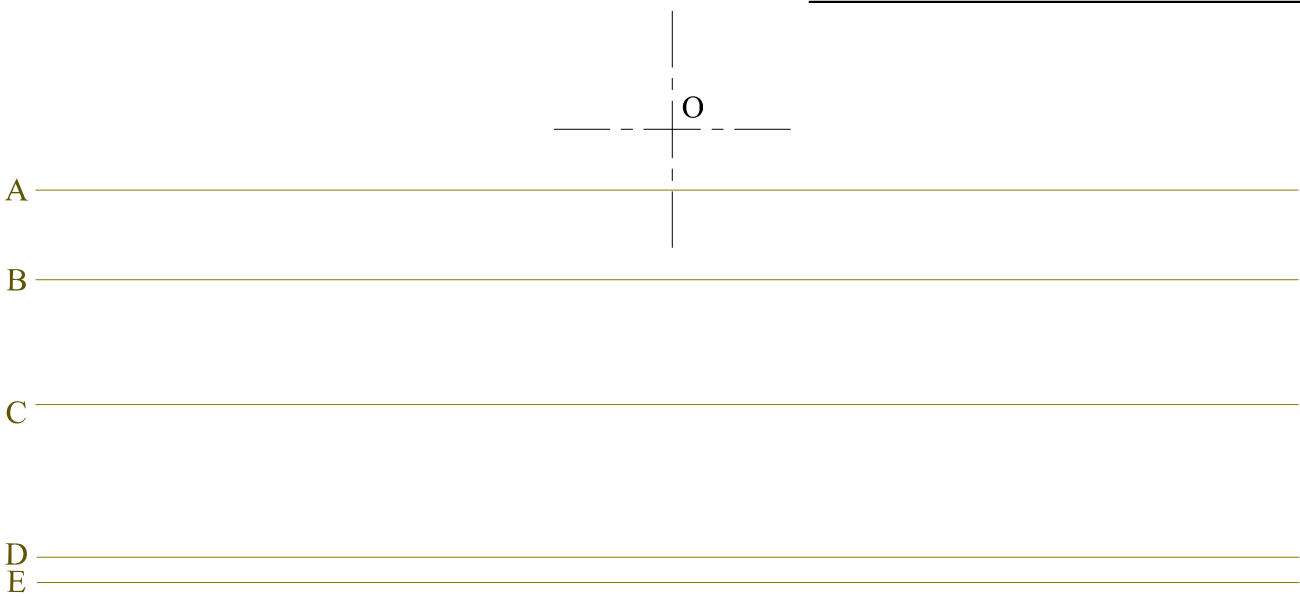
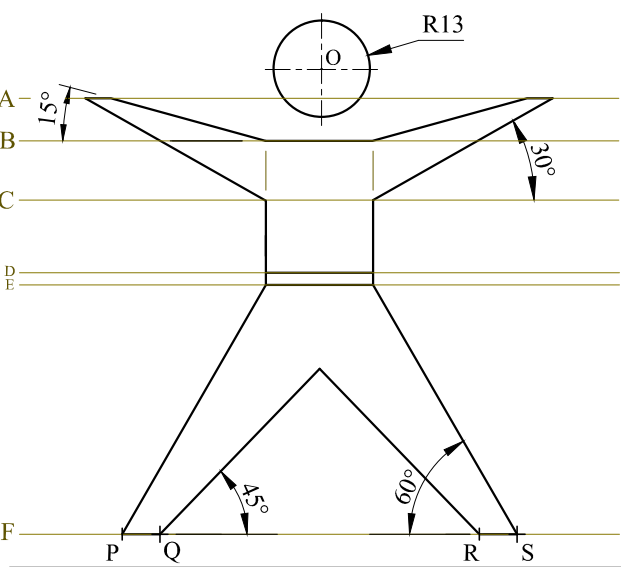
c) Triangle FEO is called an \_\_\_\_\_ TRIANGLE.

d) Lightly colour each of the three triangles given in the circle, using a different colour for each triangle.



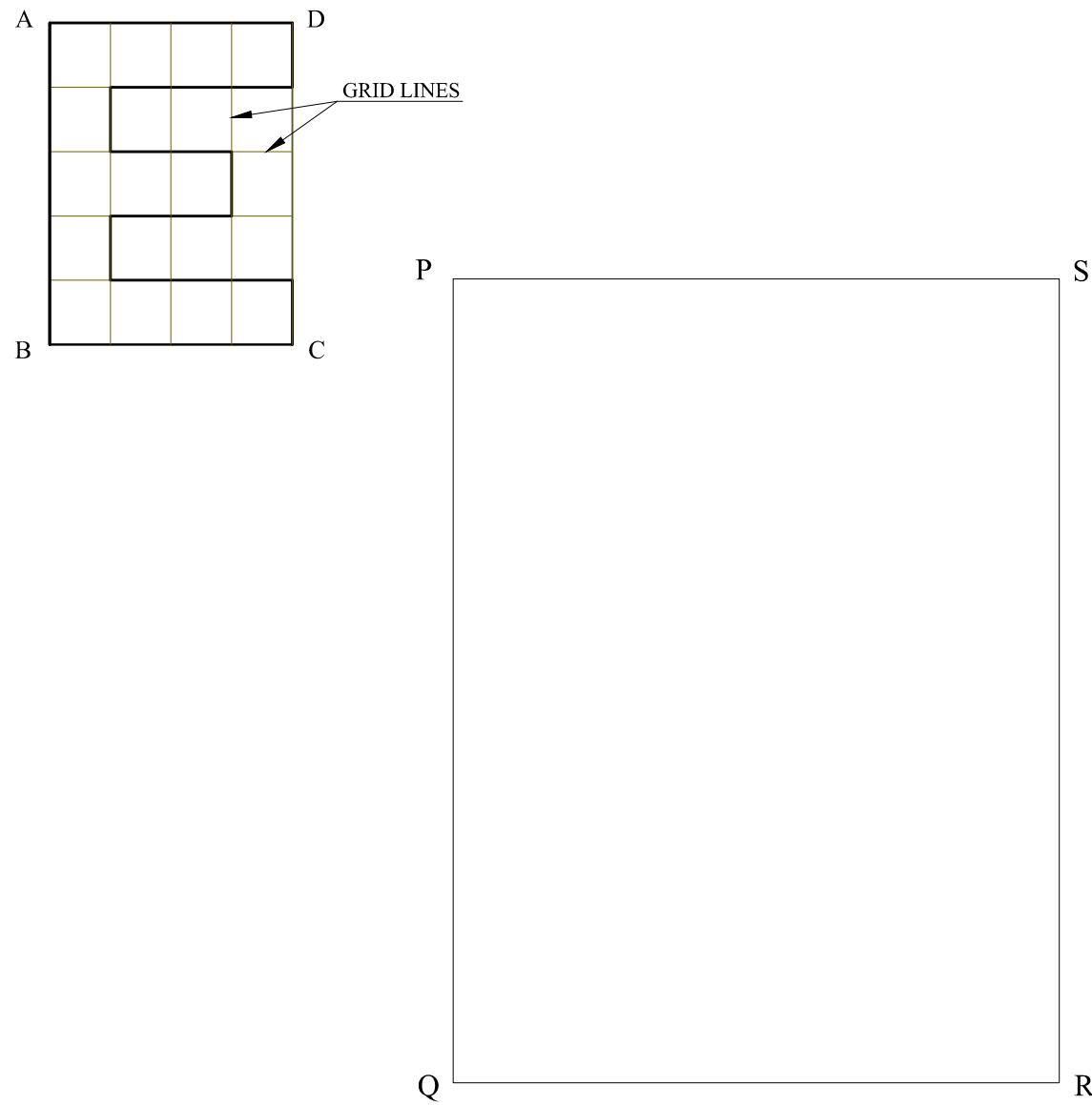
QUESTION 3. The symmetrical logo of a fitness club is given. Using the start lines drawn below, make a similar drawing to the given dimensions. Notes: i) The 45° angle at Q (at the bottom) must be constructed using the compass. ii) The 60° angle at S (at the bottom) must be constructed using the compass. iii) All other angles are drawn using set-squares and protractor. iv) Use the given faint horizontal lines as guidelines to your drawing.

18 marks



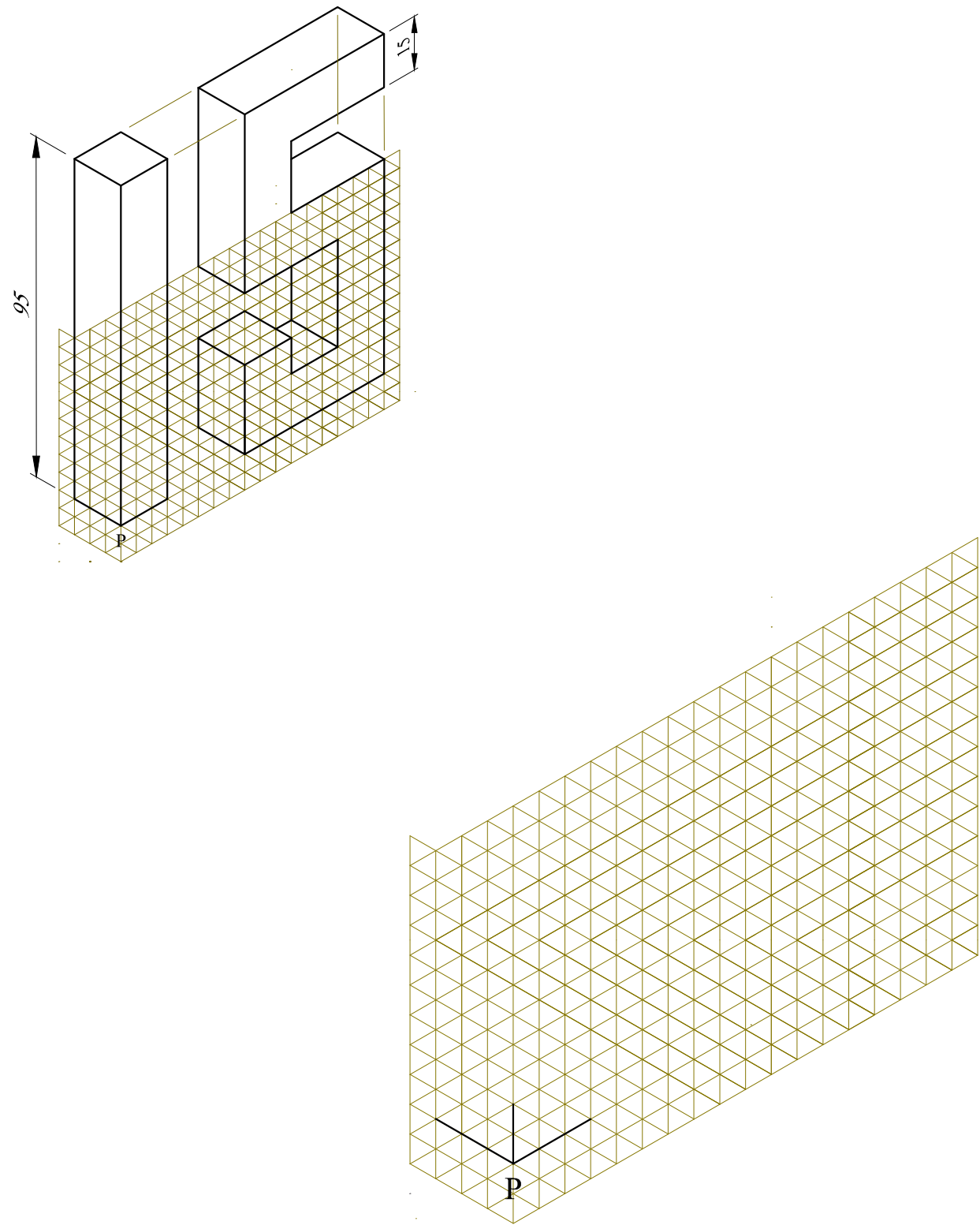
- QUESTION 4. The capital letter 'E' shown in rectangle ABCD follows the grid lines shown.  
An enlarged version of the letter is to be drawn in rectangle PQRS.
- a) Using the method of bisection with the compass, divide by construction, line QR into four equal parts and then draw the vertical lines of the grid.
  - b) Using the set-square method, divide by construction, line RS into five equal parts and then draw the horizontal lines of the grid.
  - c) Draw the letter "E" following the necessary grid lines.
  - d) Lightly shade the letter "E" with a pencil (not coloured pencil).

16 marks



- QUESTION 5. The drawing shows an isometric projection of the number "15" made up of solid material which is fixed on the door of a house.  
Using the isometric grid at the bottom and to the given dimensions, draw an isometric projection of the number, starting from P.

16 marks



QUESTION 6. A **general information sign** is needed at the entrance hall of a hospital to indicate a **coffee shop**.  
In the spaces provided below,  
a) draw two rough sketches to develop ideas of the proposed sign,  
b) make a final drawing of the coffee shop information sign, in black and white, using drawing instruments where required.  
*Note: Do not add words to your drawing.*

16 marks

ROUGH SKETCHES

FINAL DRAWING

QUESTION 7. The design shown at the right is made up of circle parts. On the centre-lines A, B and C given below, design a similar figure, to the given dimensions, following the three steps shown.  
*Note: Take note of the faint and bold (dark) lines.*

14 marks

