

A newspaper advertisement for a Do-it-Yourself store uses symbols to inform customers of the services offered. The symbol for Free Designing and Planning is given to the right. Three other symbols are needed for:

Garden Centre;
Tools for Sale and Hire;
Carry to the Car Service
In the spaces indicated:
(a) sketch two different ideas for each of the three symbols required
(b) draw accurately your chosen idea for each symbol.

ANSWER PART (a) HERE

ANSWER PART (b) HERE



FREE DESIGNING AND PLANNING


View FV

CARRY TO THE
CAR SERVICE

International General Certificate of Secondary Education CAMBRIDGE INTERNATIONAL EXAMINATIONS DESIGN AND TECHNOLOGY

0445/2 PAPER 2 Communication

OCTOBER/NOVEMBER SESSION 2002

- CIE 2002

SP (NH/CG) $\begin{aligned} & 13062 \\ & 1 \text { hour }\end{aligned}$
Answer any two questions.

Draw your answer in the spaces provided on the question paper
All dimensions are in millimetres. The number of marks is given in brackets [ ] at the end of each question or part question.

Candidate's Surname.
Other Names..
Centre Number
Candidate's Number.

No age is needed for a piece of delicate panded polystyrene with a hole into which the glassware its, contained in a box made from thi
card. The polystyrene block must fit tightly in the box.
A sketch of the polystyrene block is given to the A sket
right.
ons indicated:
(a) complete the front view of the polystyrene block looking in the direction of the arrow A . Geometrical constructions must be used for the outline of the hole;
dry full size, a one piece development of the box
Include in the development:

(ii) a regula octagonal hole, centrally placed in the front of the container through which | a regular oclagonal hoie, centrally placed in to from the container firough which |
| :--- |
| the glassware can be seen. The octagon is to be 60 mm across the flats. |

RT (a) HER Construct the outline of the hole correctly positioned in the front view $\mathbf{A}$ of the polystyrene block below.


VIEW A

4 An idea for a wooden kitchen-roll holder is shown in the orthographic views to the right.
(a) sketch modifications to the given shape of the parts of the kitchen-roll holder that would make it easier to use and more attractive to look at;
(b) (i) draw freehand [4] pictorial view of the kitchen-roll holder showing how the pictorial view of the kitchen-roll holder showing how
parts are assembled. Include your chosen modificatio (a) in your drawing;
use colour and
[22]
(ii) use colour and shading to show that the kitchen-roll holder

ANSWER PART (a) HERE

[11]


