

(a) Answer part (a) here.

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..... [4]

(c) Sketch and develop your ideas here. [12]

(b) Answer part (b) here.

[4]

continued overleaf

\* 9 8 4 5 8 5 7 4 3 7 \*



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
International General Certificate of Secondary Education

DESIGN AND TECHNOLOGY  
DESIGN AND COMMUNICATION

Answer Sheet 1 of 2  
Paper 1 Design

0445/01  
0446/01

Answer sheet 1 of 2.  
Write your Centre number, candidate number and name in the spaces provided on this sheet and sheet 2.  
Write the number of the question you have answered in the space provided. Sufficient space is provided for your answers on the two answer sheets so there is no need to use other sheets.

Centre Number .....

Candidate Number .....

Name .....

Question Number .....

For Examiner's Use

part (c) continued.

(d) Evaluate your ideas here. [6]

Choose one idea to develop more fully. Justify your choice. [2]

(e) Draw the full solution to the problem here.  
Include construction details and major dimensions. [12]



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Answer Sheet 2 of 2  
Paper 1 Design

Answer sheet 2 of 2.  
Write your Centre number, candidate number and name in the spaces provided on this sheet and sheet 1.  
Write the number of the question you have answered in the space provided.  
Sufficient space is provided for your answers on the two answer sheets so there is no need to use other sheets.

Centre Number .....

Candidate Number .....

Name .....

Question Number .....

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**(f)** Answer **part (f)** here. [4]

There is no need to write or draw here unless you wish to continue another part of the question.

**(g)** Answer **part (g)** here. [6]