

Design and Technology
COMPONENT 1: Papers and Boards

Diagram Booklet

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

INSTRUCTIONS

There may be spare copies of some diagrams in case you need them.

THIS DIAGRAM BOOKLET MUST BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.

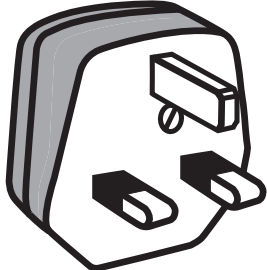
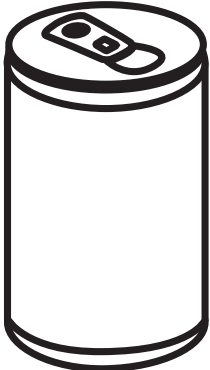
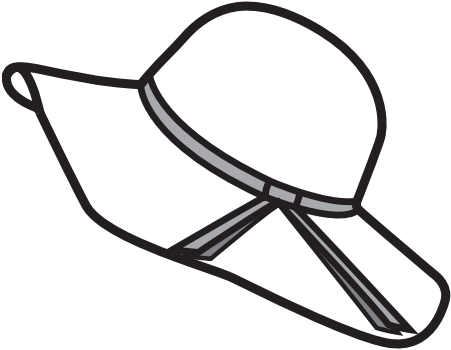

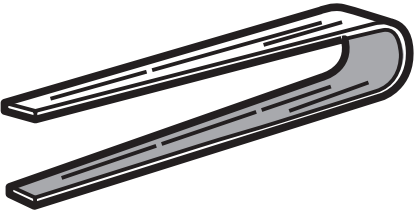
Contents

Page

4	Question 1(a)
5	Question 1(a) (Spare copy)
6	Question 2
7	Question 2(d) Not to scale
8	Question 3
9	Question 3(c)
10	Question 5 Not to scale
11	Question 5(a)
12	Question 5(a) (Spare copy)
13	Question 5(b)
14	Question 6
15	Question 6(b)
16	Question 7
17	Question 7(c) Not to scale
18	Question 8
19	Question 8(d)

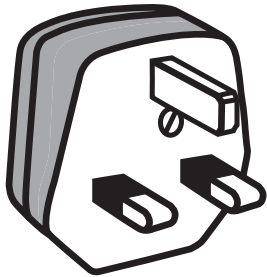
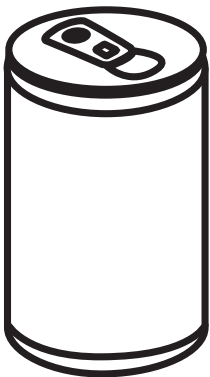
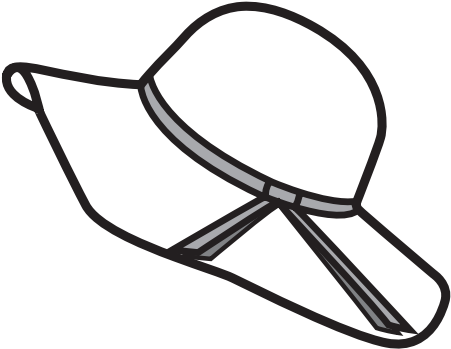

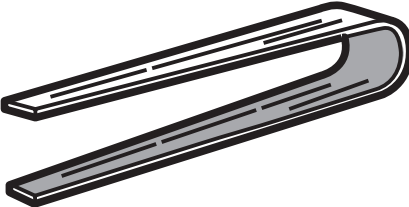
Question 1(a)

FIGURE 1

Picture of product	Material and product	Property
	Urea formaldehyde 3-pin plug	Insulator of electricity
	Aluminium drinks can	(i) _____ (1 mark)
	Felted wool fabric hat	(ii) _____ (1 mark)
	Tracing paper	(iii) _____ (1 mark)
	Laminated plywood salad servers	(iv) _____ (1 mark)

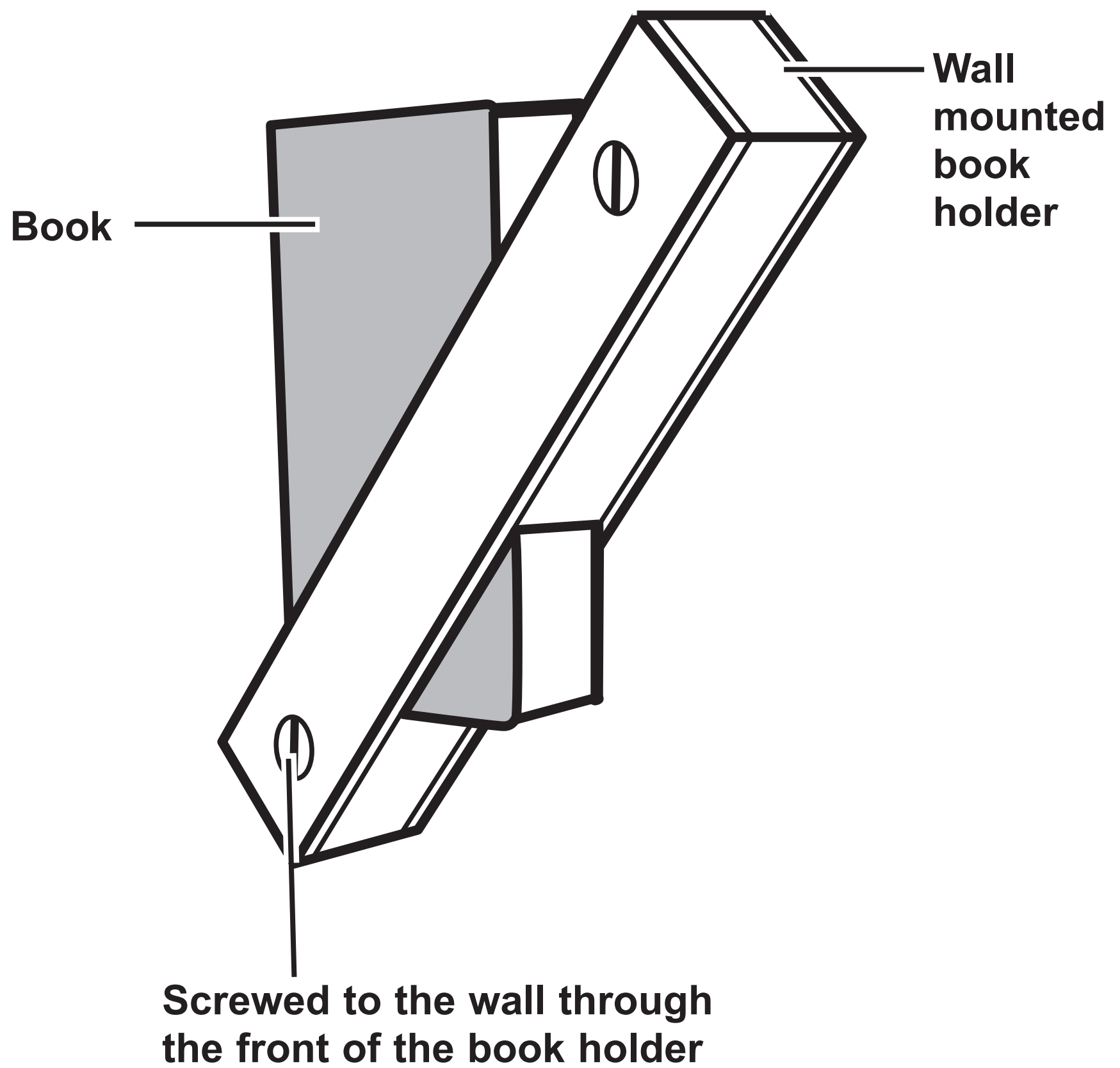
Question 1(a)

FIGURE 1

Picture of product	Material and product	Property
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	Aluminium drinks can	(i) _____ (1 mark)
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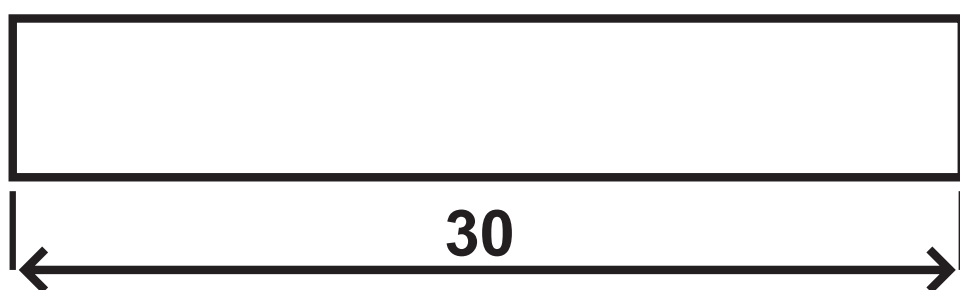
Question 2

FIGURE 2

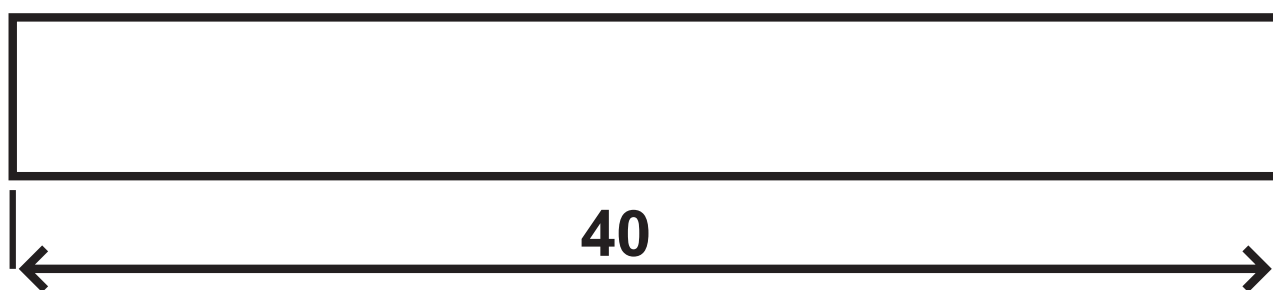


Question 2(d)

FIGURE 3



2 required at this length



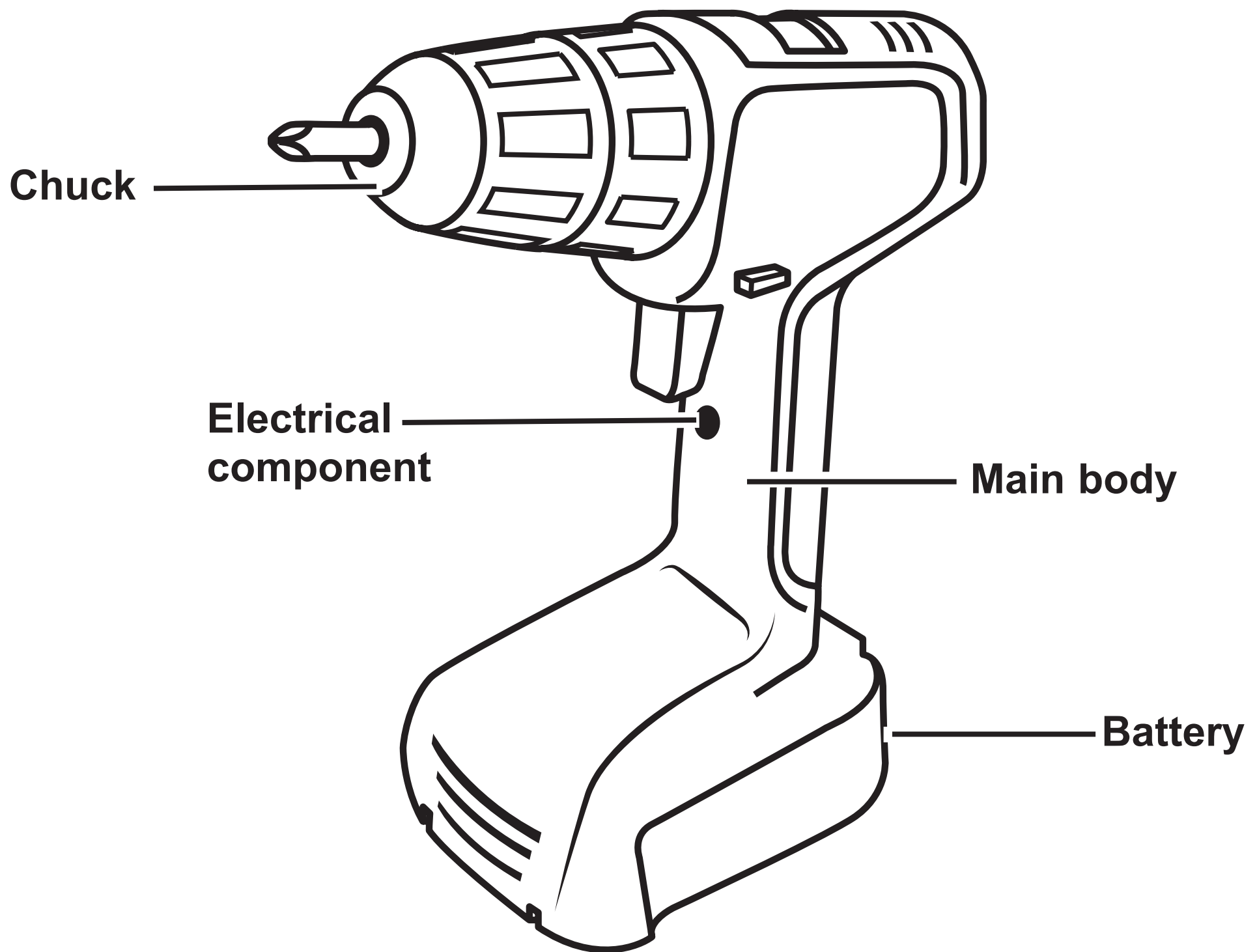
1 required at this length

All dimensions in cm

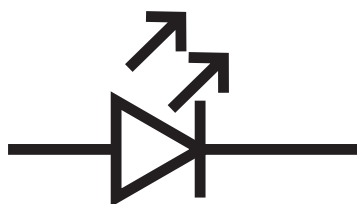
Diagram not to scale

Question 3

FIGURE 4



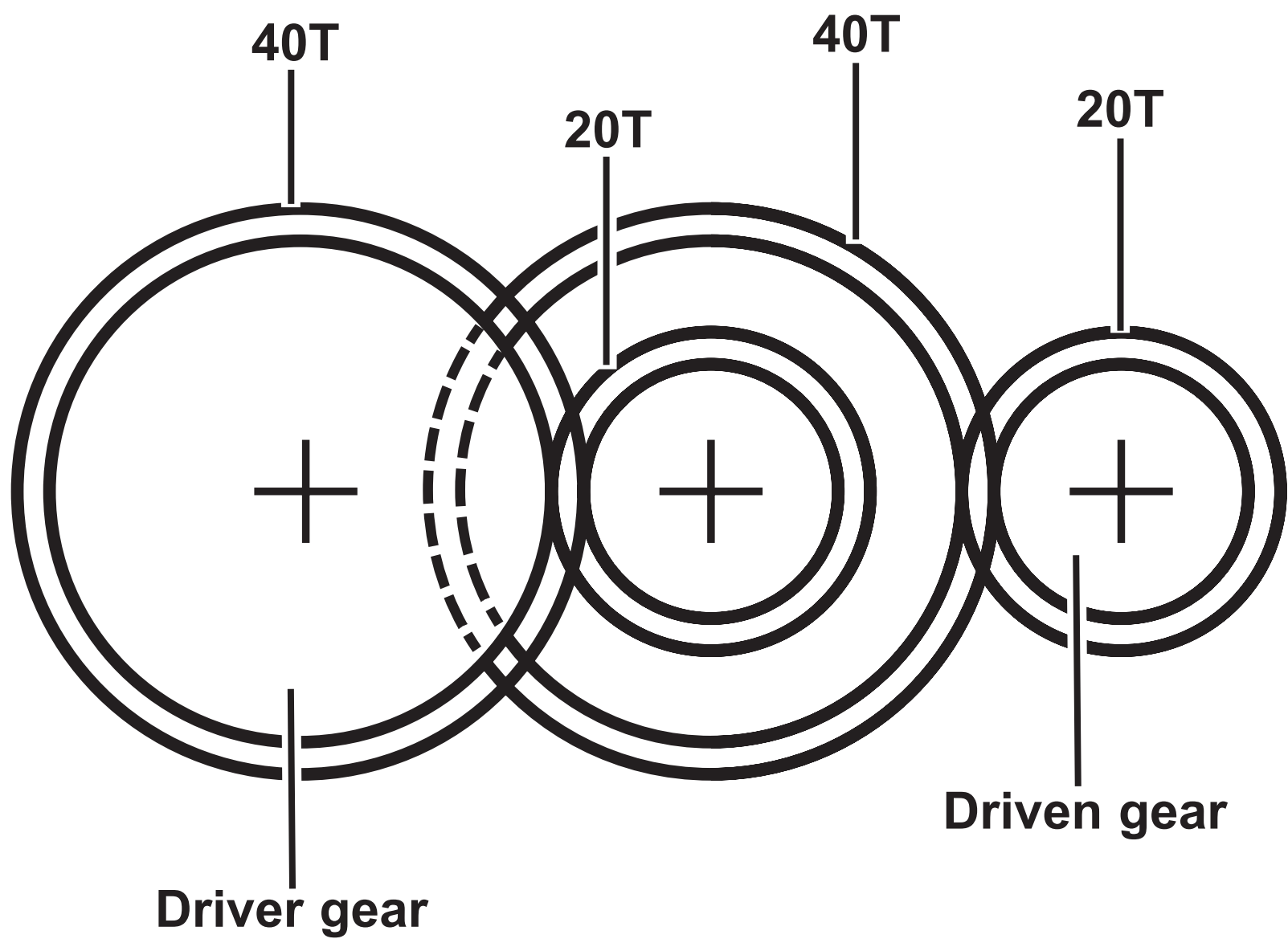
Circuit symbol for the electrical component



Question 3(c)

FIGURE 5

T = Teeth

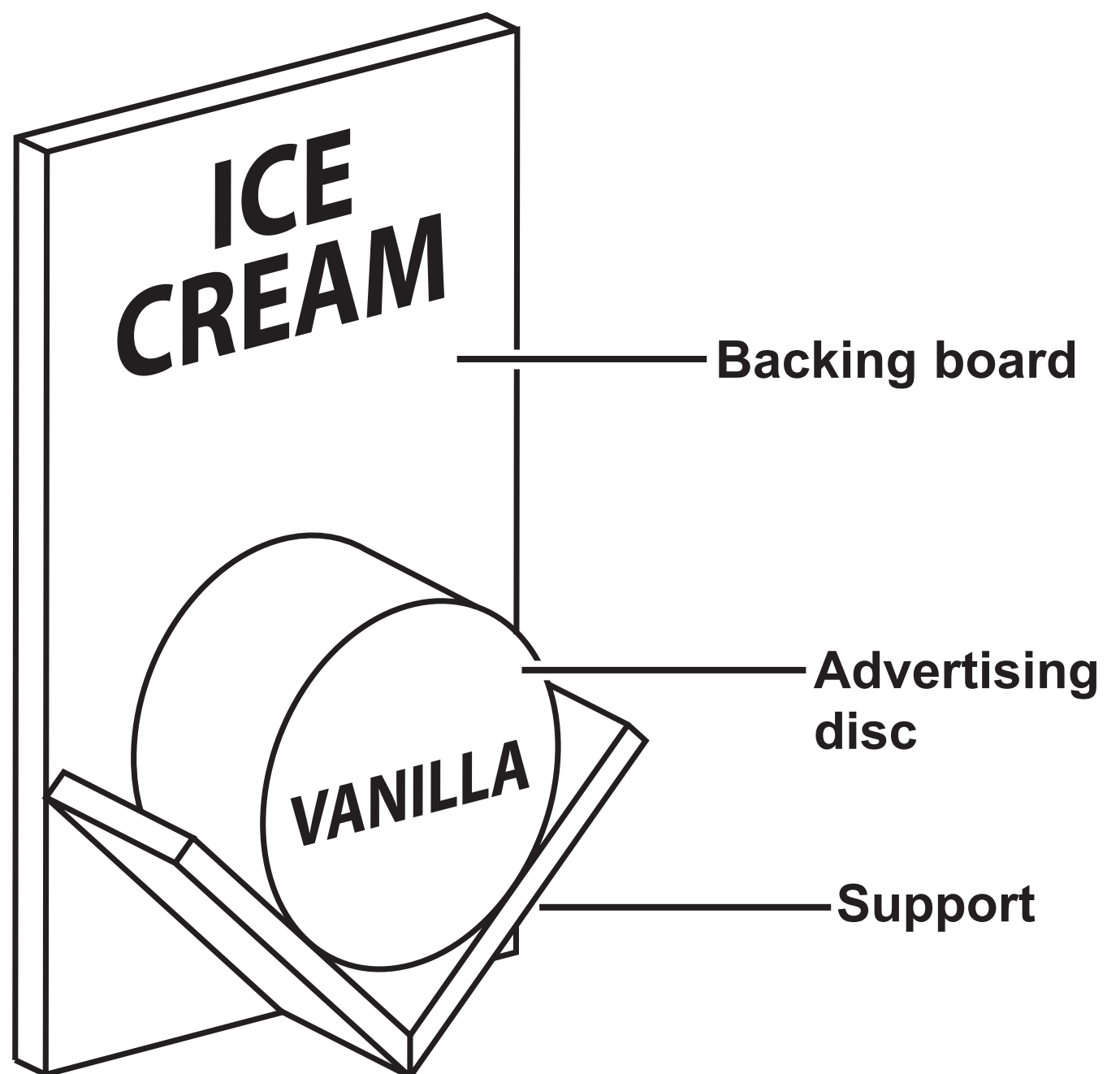


Question 5

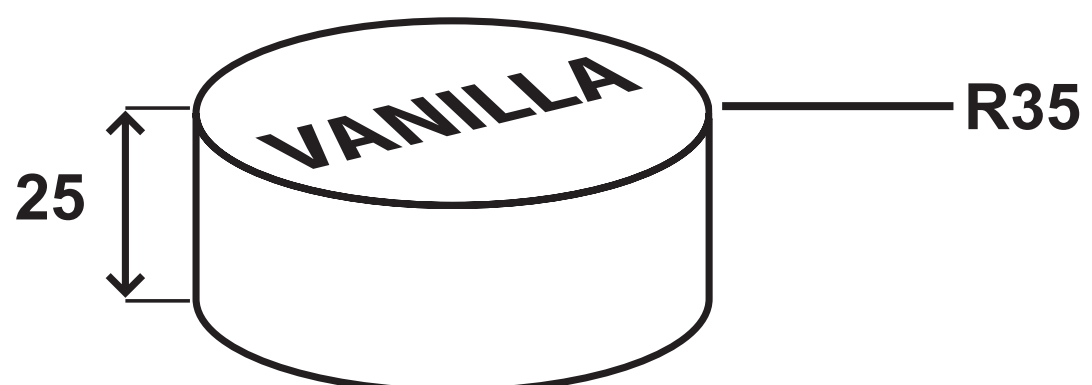
FIGURE 6

Dimensions of the disc in mm

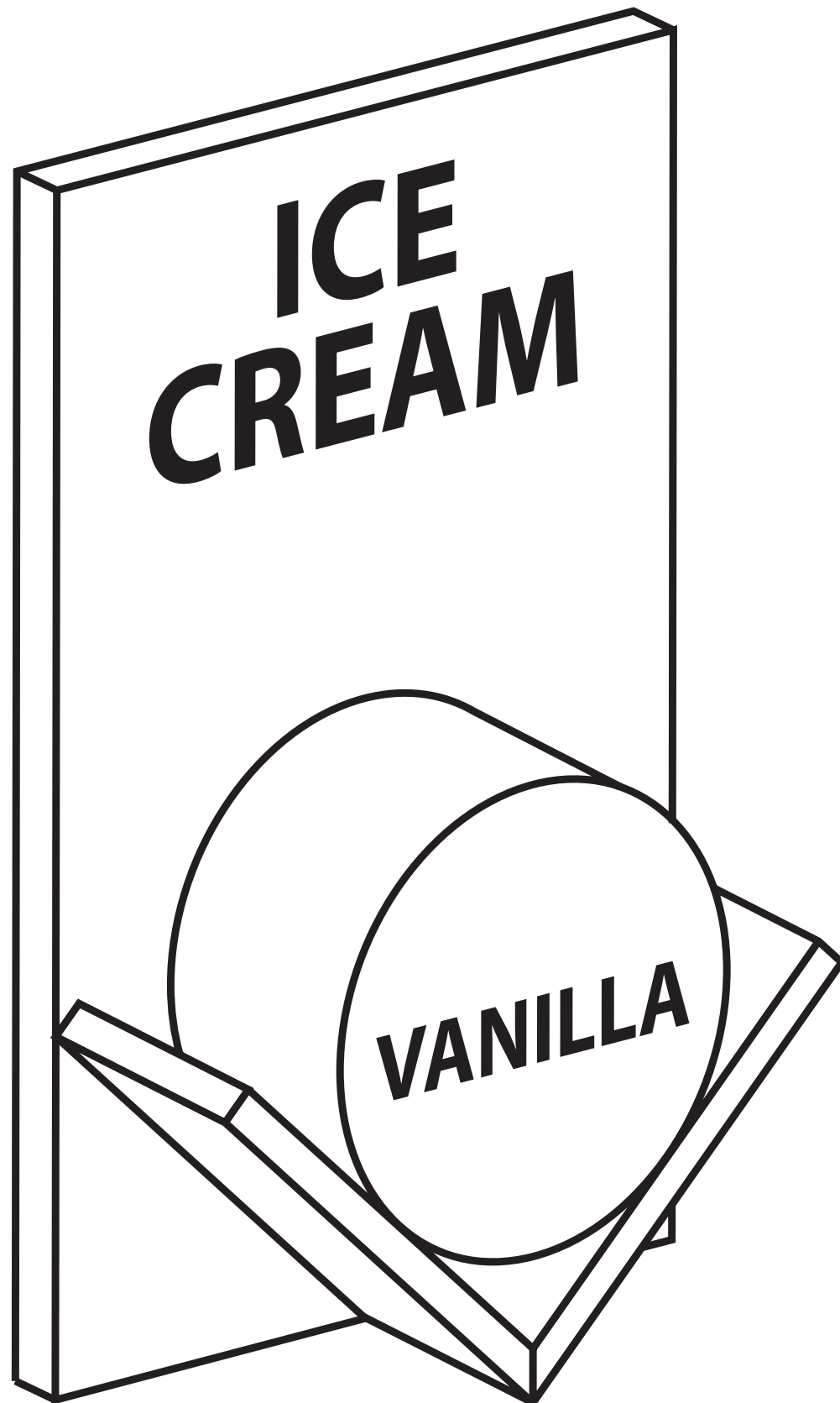
Diagram not to scale



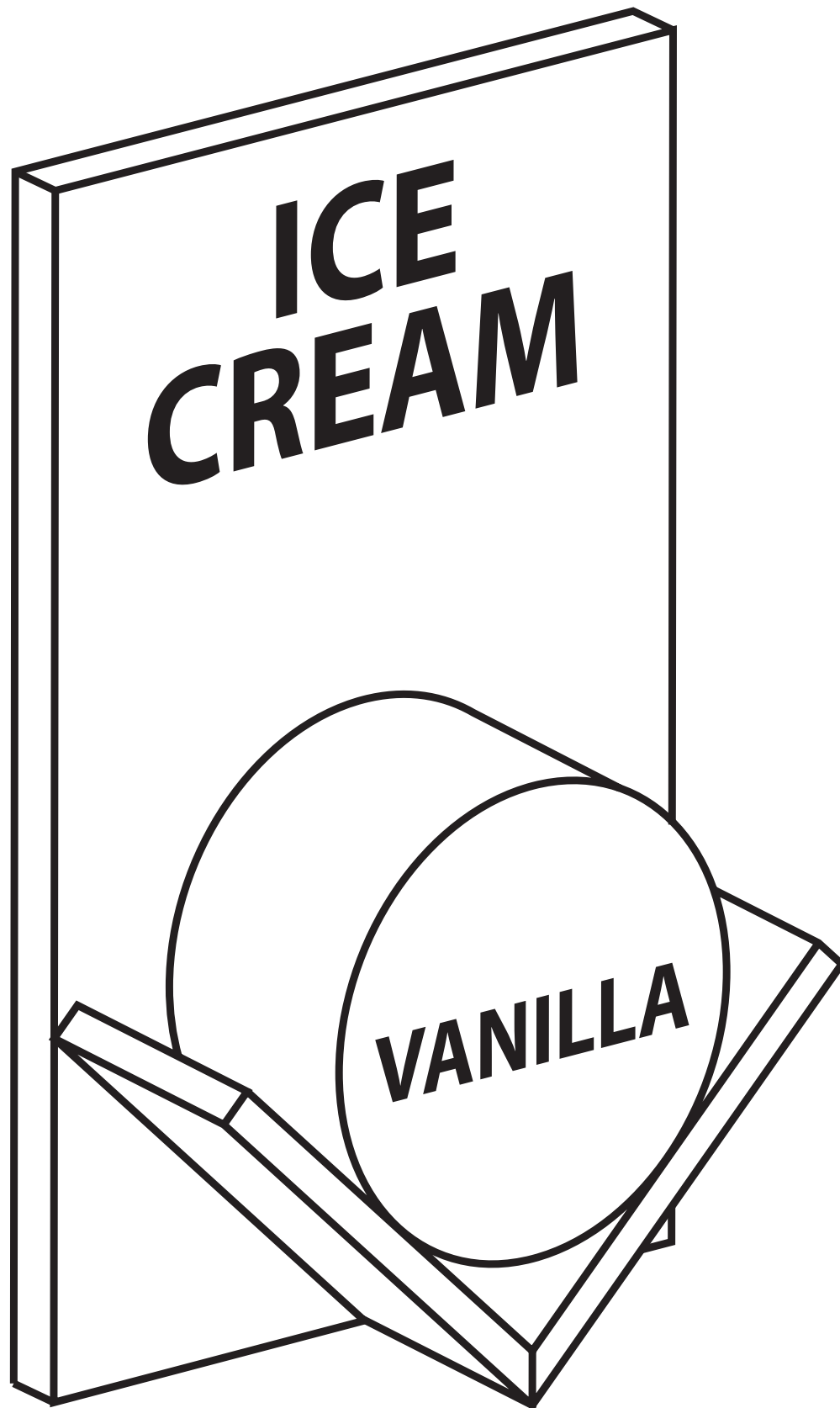
Additional information



Question 5(a)

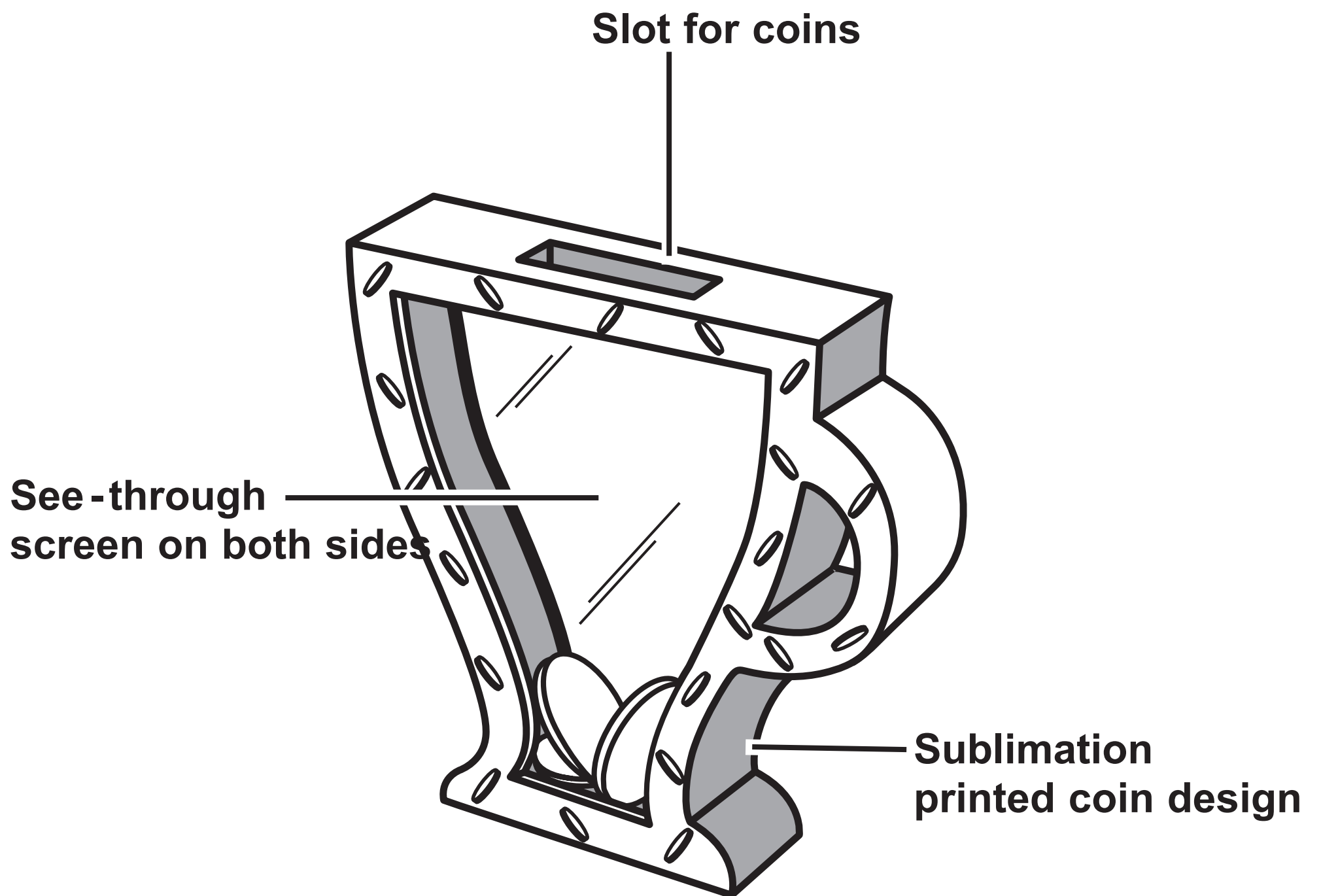


Question 5(a)



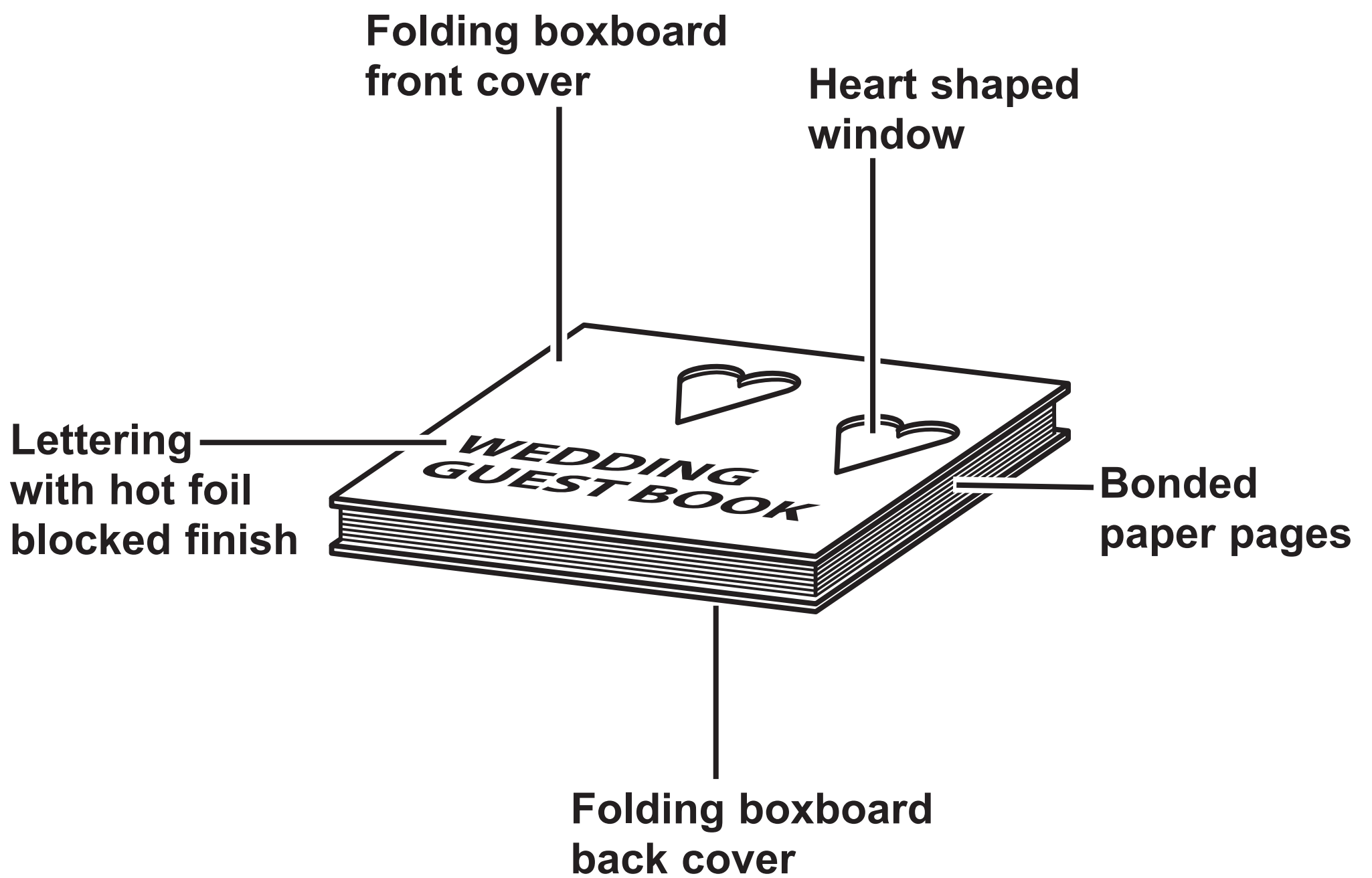
Question 5(b)

FIGURE 7



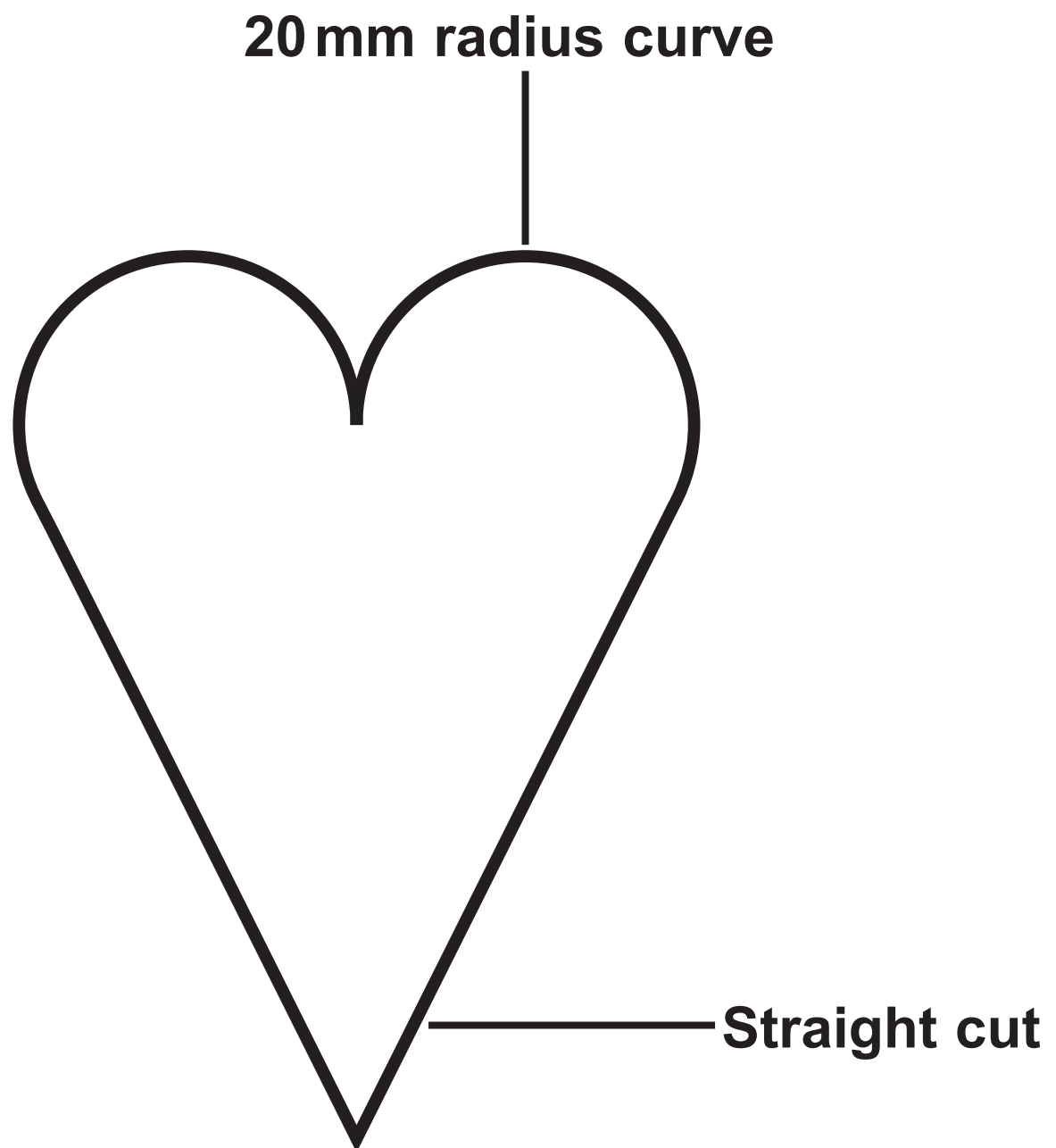
Question 6

FIGURE 8



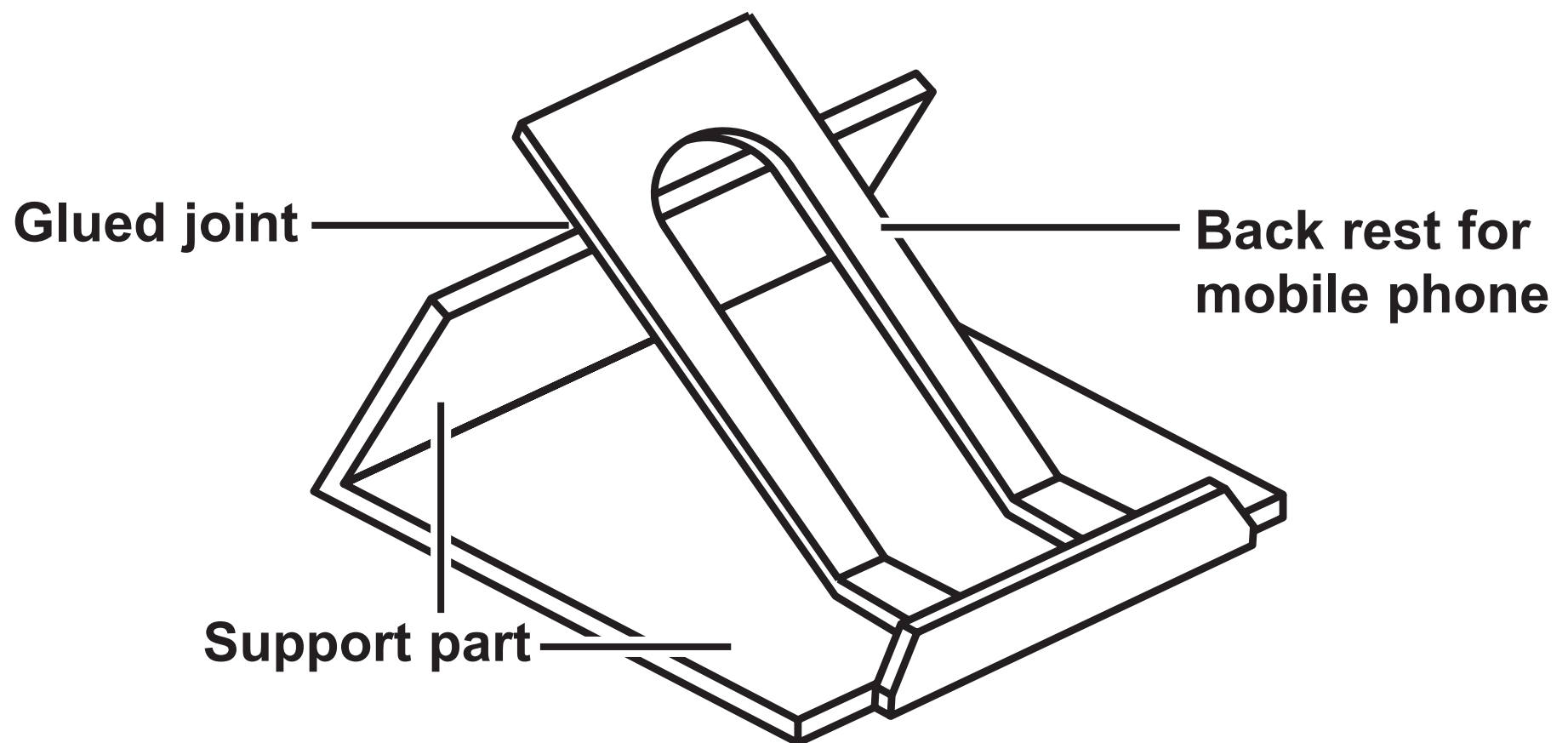
Question 6(b)

FIGURE 9



Question 7

FIGURE 10

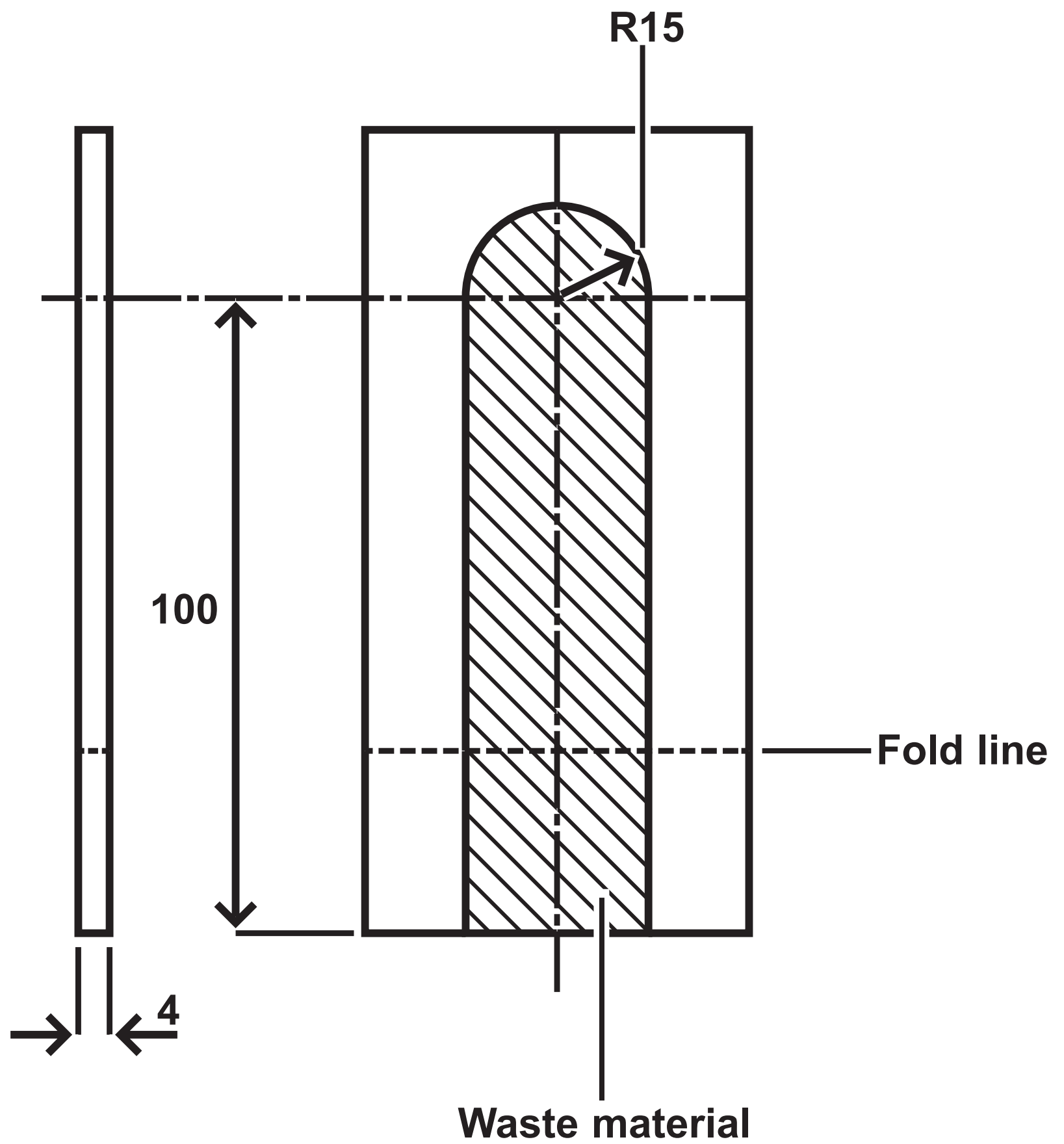


Question 7(c)

FIGURE 11

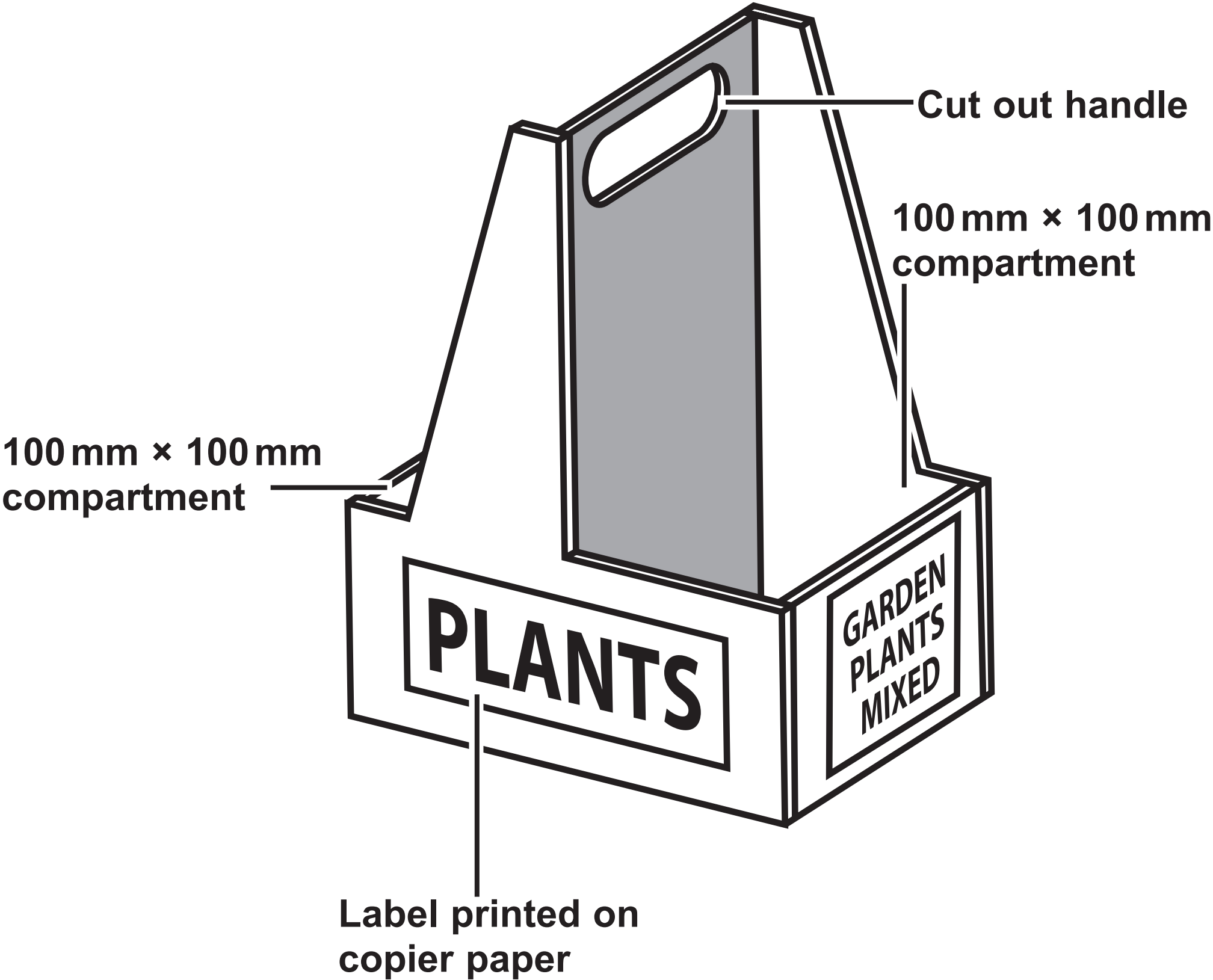
All dimensions are in mm

Diagram not to scale



Question 8

FIGURE 12



Question 8(d)

FIGURE 13

Source of copier paper	China
Plant carrier material	Stock sized 3 mm corrugated board
Potential market	Garden centres, supermarkets
Scale of production	Batch