

Design and Technology
COMPONENT 1: Papers and Boards

Tuesday 18 June 2024 – Morning

Time: 1 hour 45 minutes

Diagram Booklet

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

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.

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Spare Copies

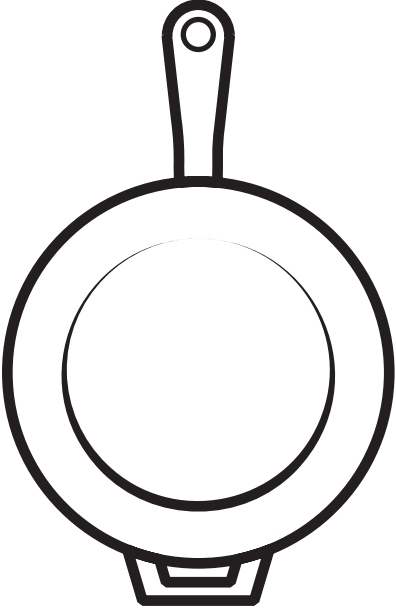
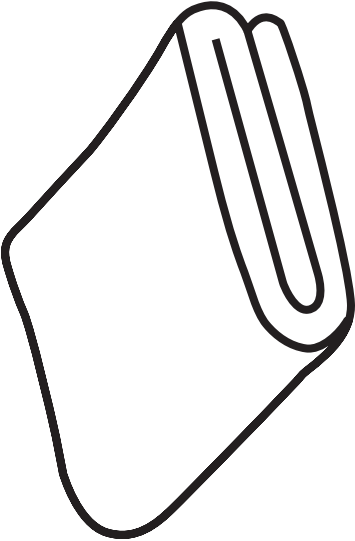
25–26 Question 1(a)

27 Question 2(d)(i)

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29 Question 5(a) – Outline

FIGURE 1

Picture of product	Material and product	Property	
	Cast iron frying pan	Hard	
	Cotton bath towel	(i) _____ (1 mark)	

(continued on the next page)

1(a) continued.

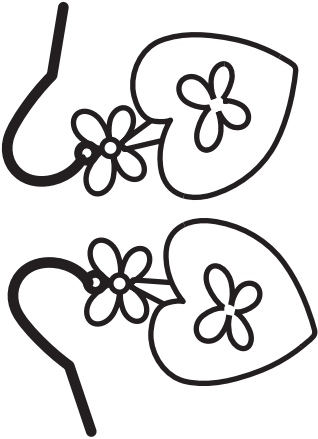
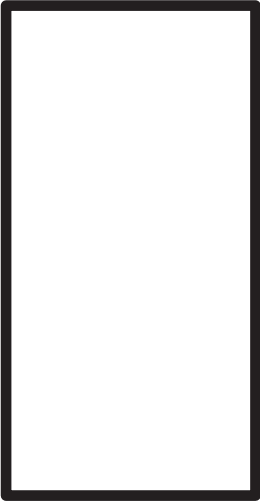
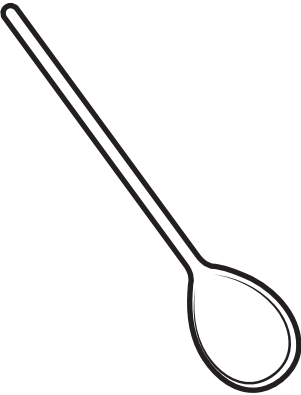
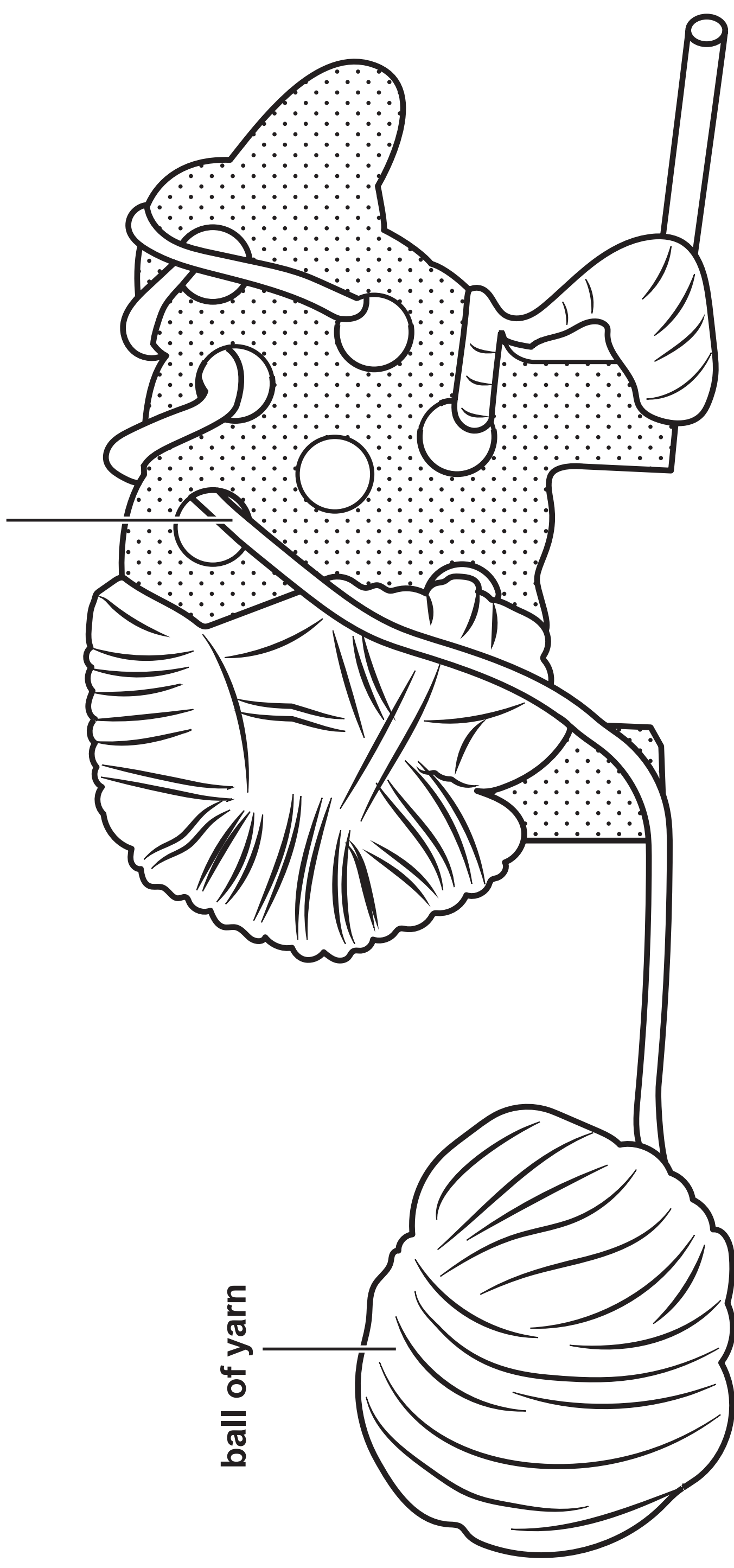
Picture of product	Material and product	Property
	Polyester resin earrings	(ii) _____ (1 mark)
	Copier paper	(iii) _____ (1 mark)
	Beech cooking spoon	(iv) _____ (1 mark)

FIGURE 2

yarn threaded through the toy sheep



Question 2(d)(i)

FIGURE 3

Animal	Number of votes	Percentage of votes (%)
Cat	165	55
Dog	75	25
Rabbit	<div></div>	15
Mouse	<div></div>	5
TOTAL	300	100

FIGURE 4

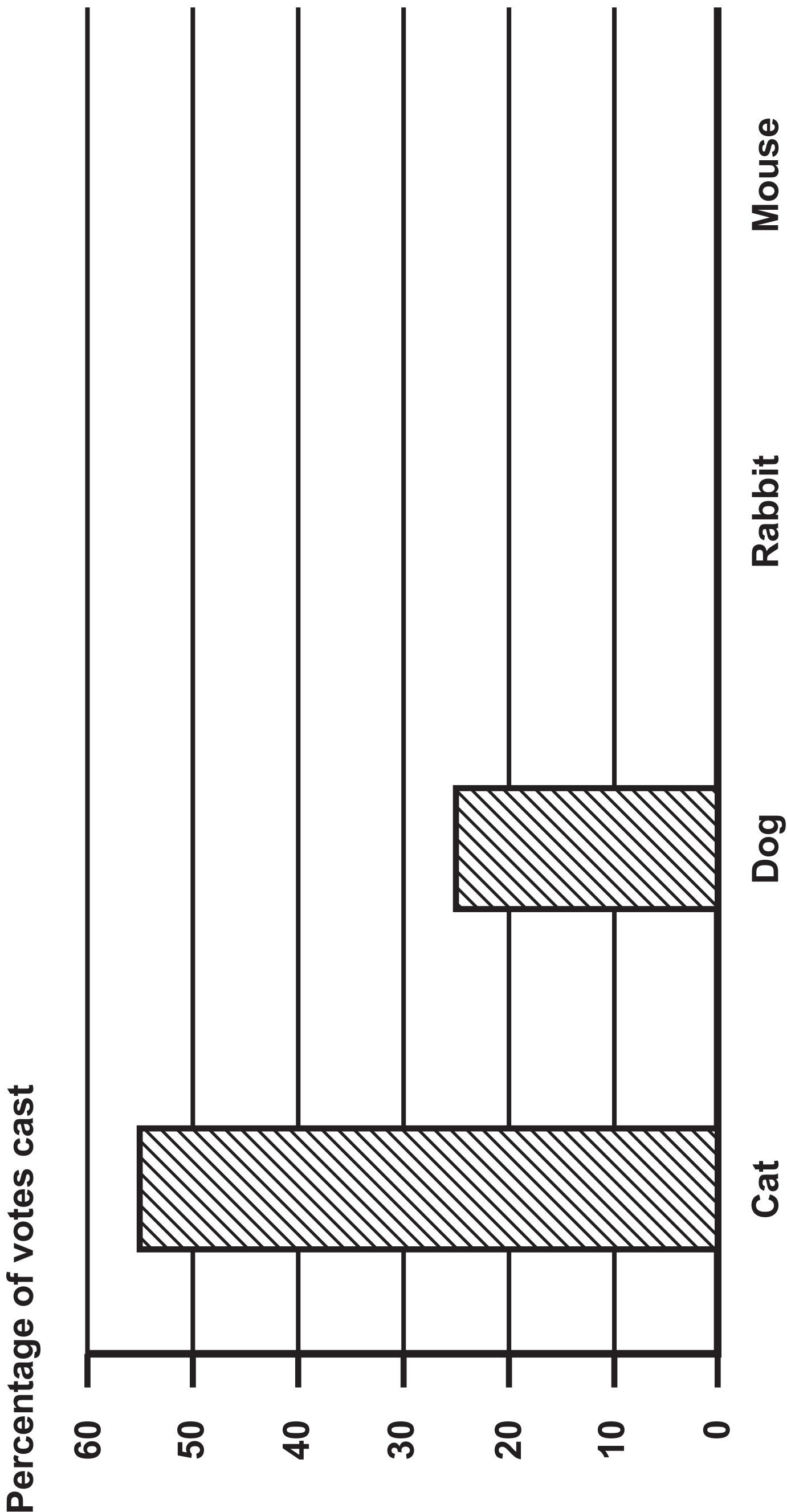


FIGURE 5

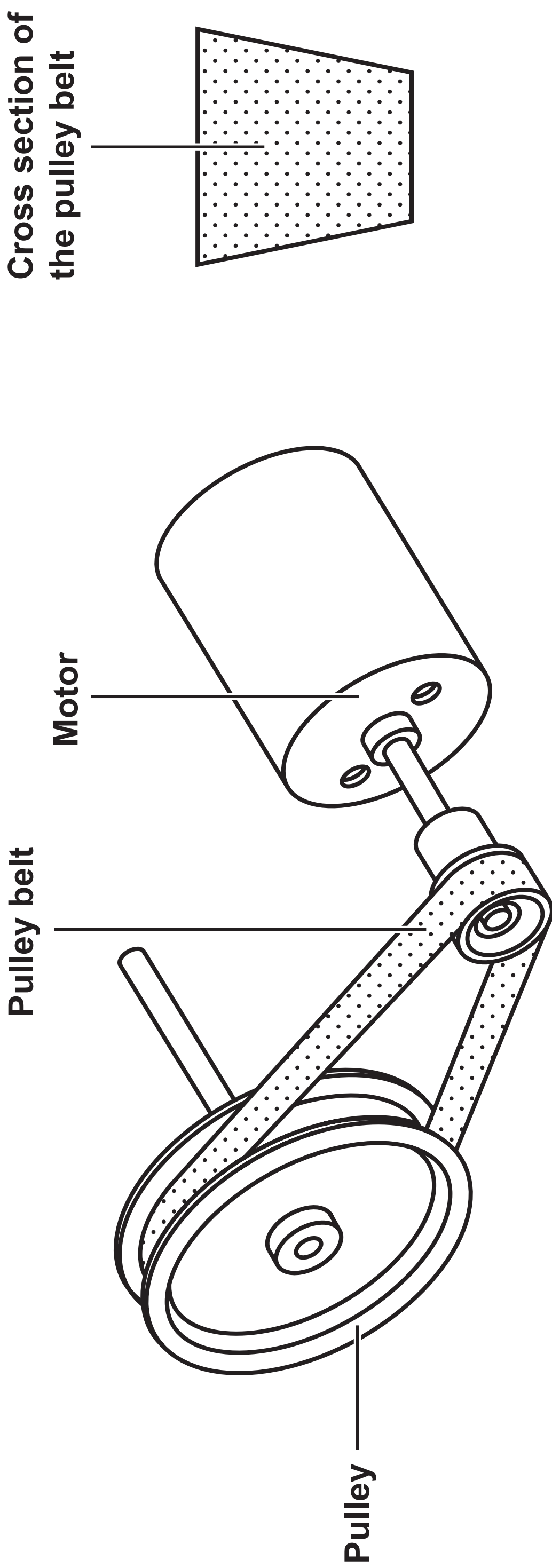
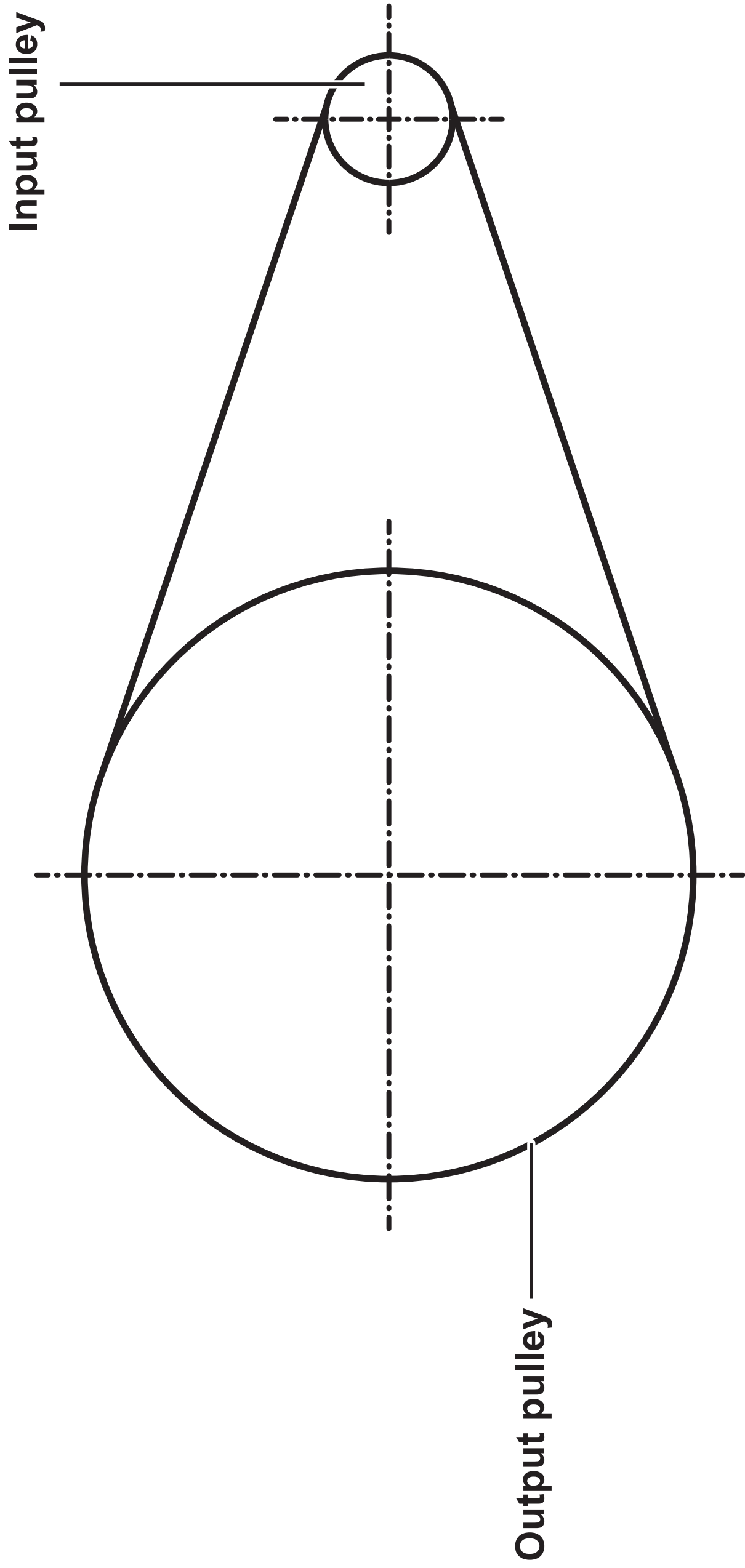
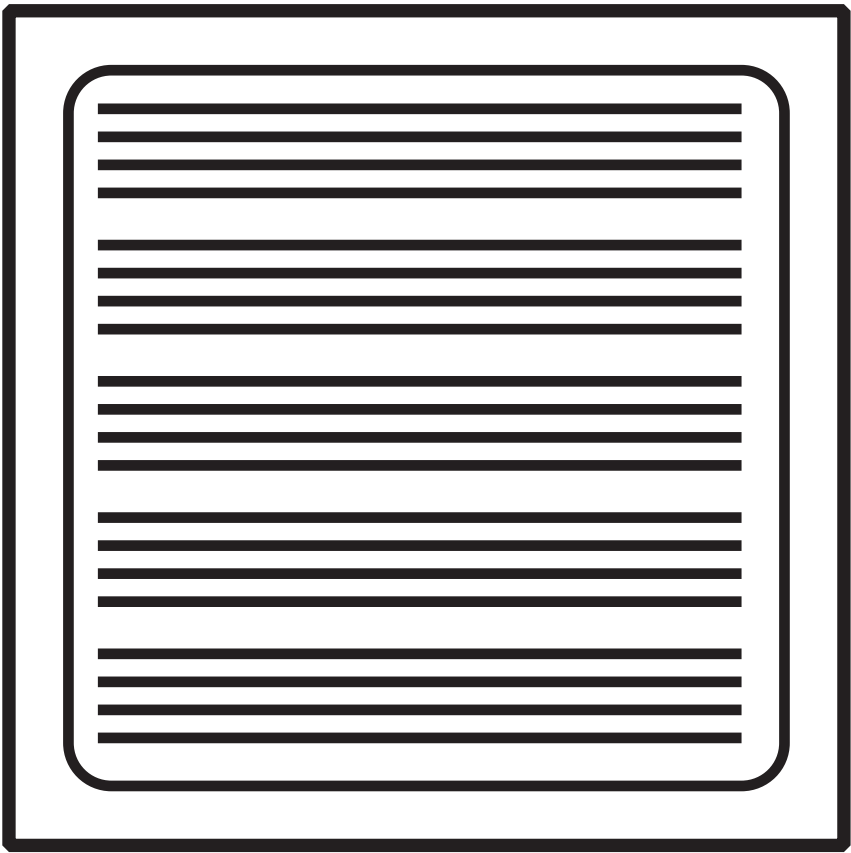


FIGURE 6



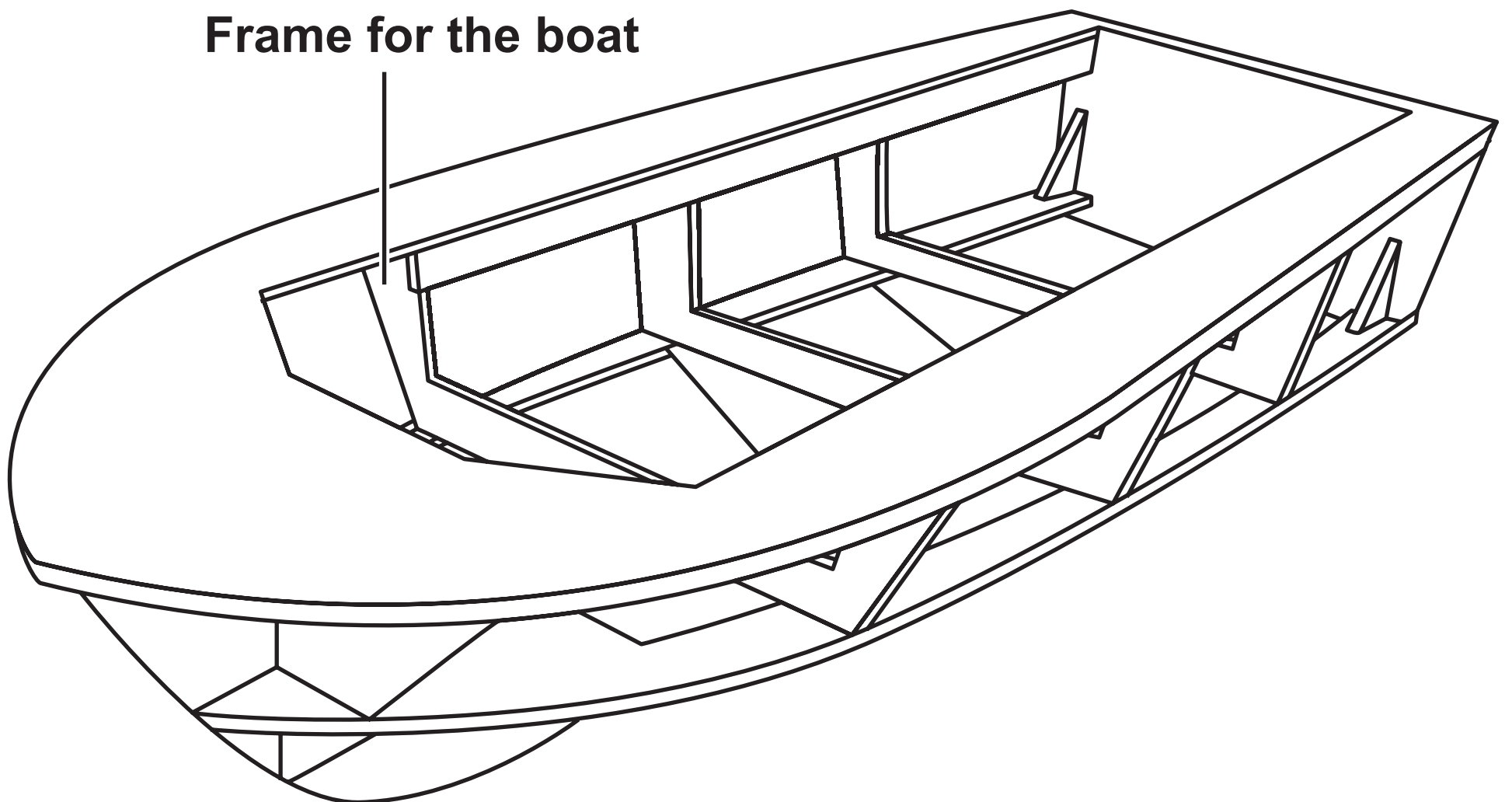
Question 3(d)

FIGURE 7



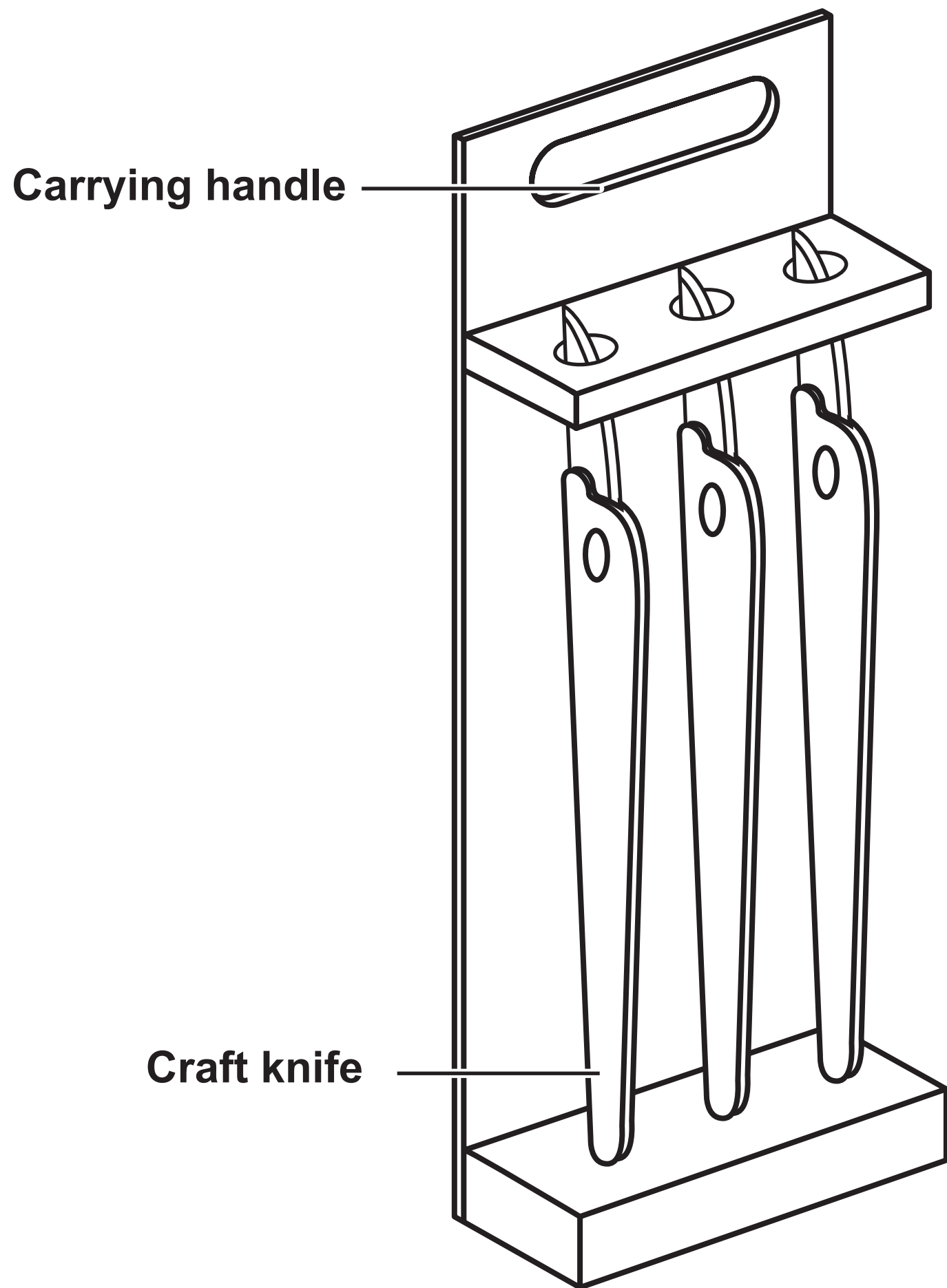
Question 3(e)

FIGURE 8



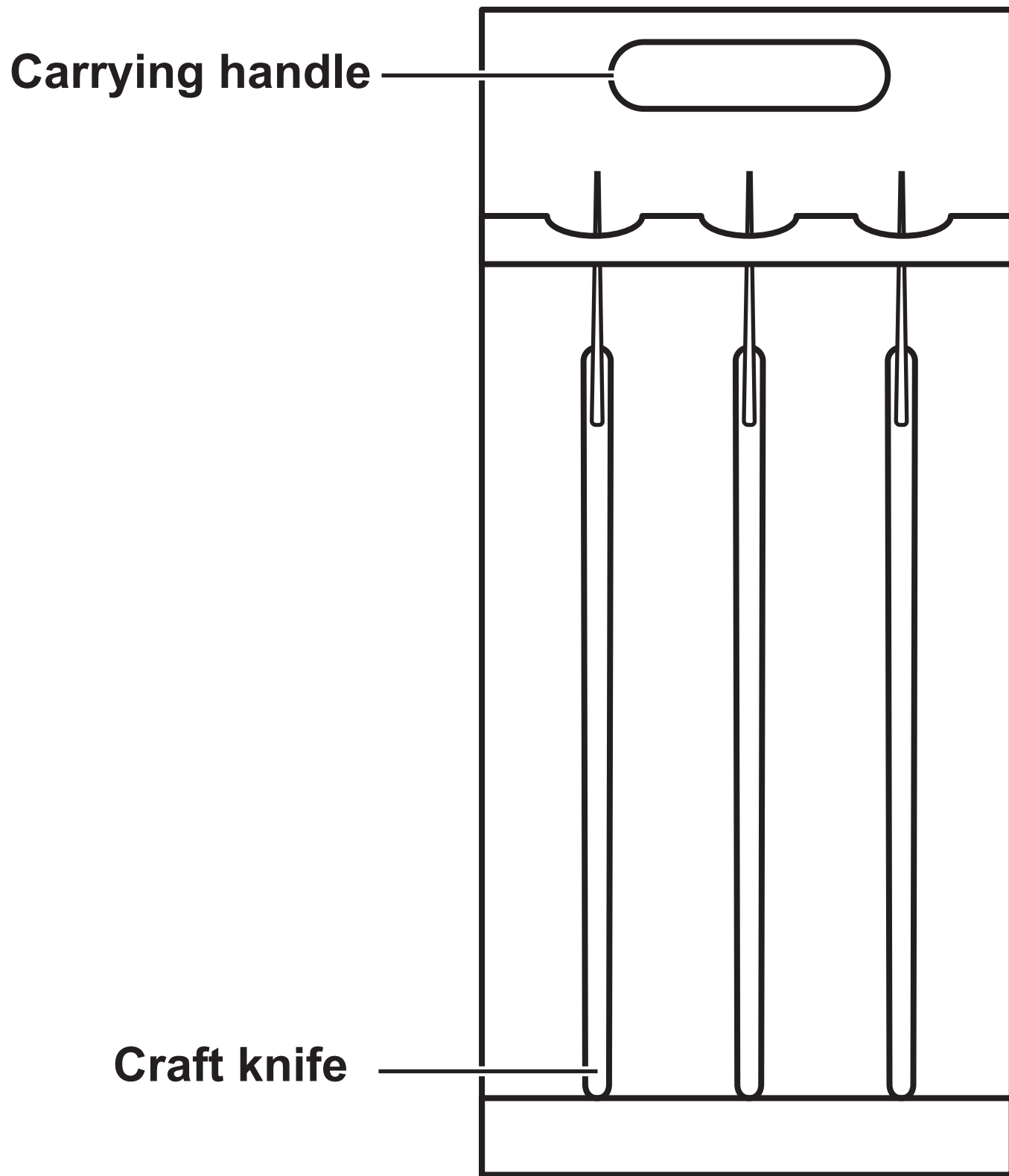
Question 5

FIGURE 9



5 continued.

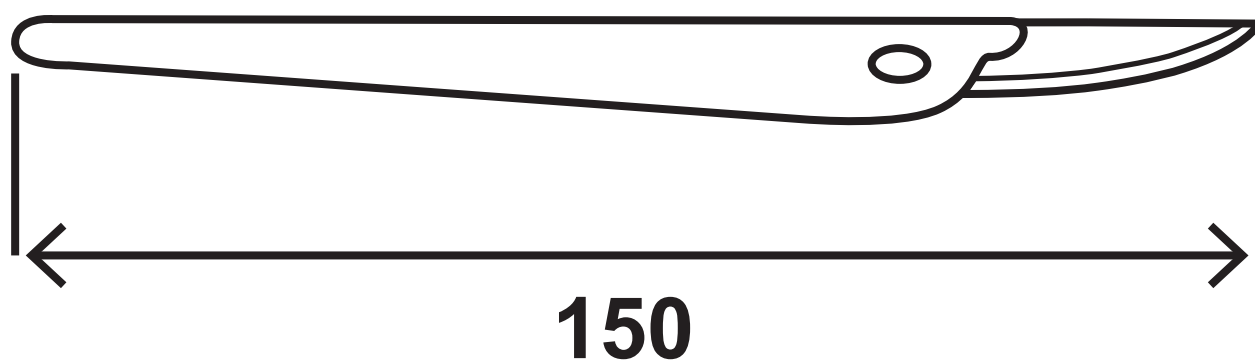
FIGURE 9 – FRONT VIEW



Additional information – dimensions of craft knives

All dimensions in mm

Diagram not to scale



Question 5(a) – Outline

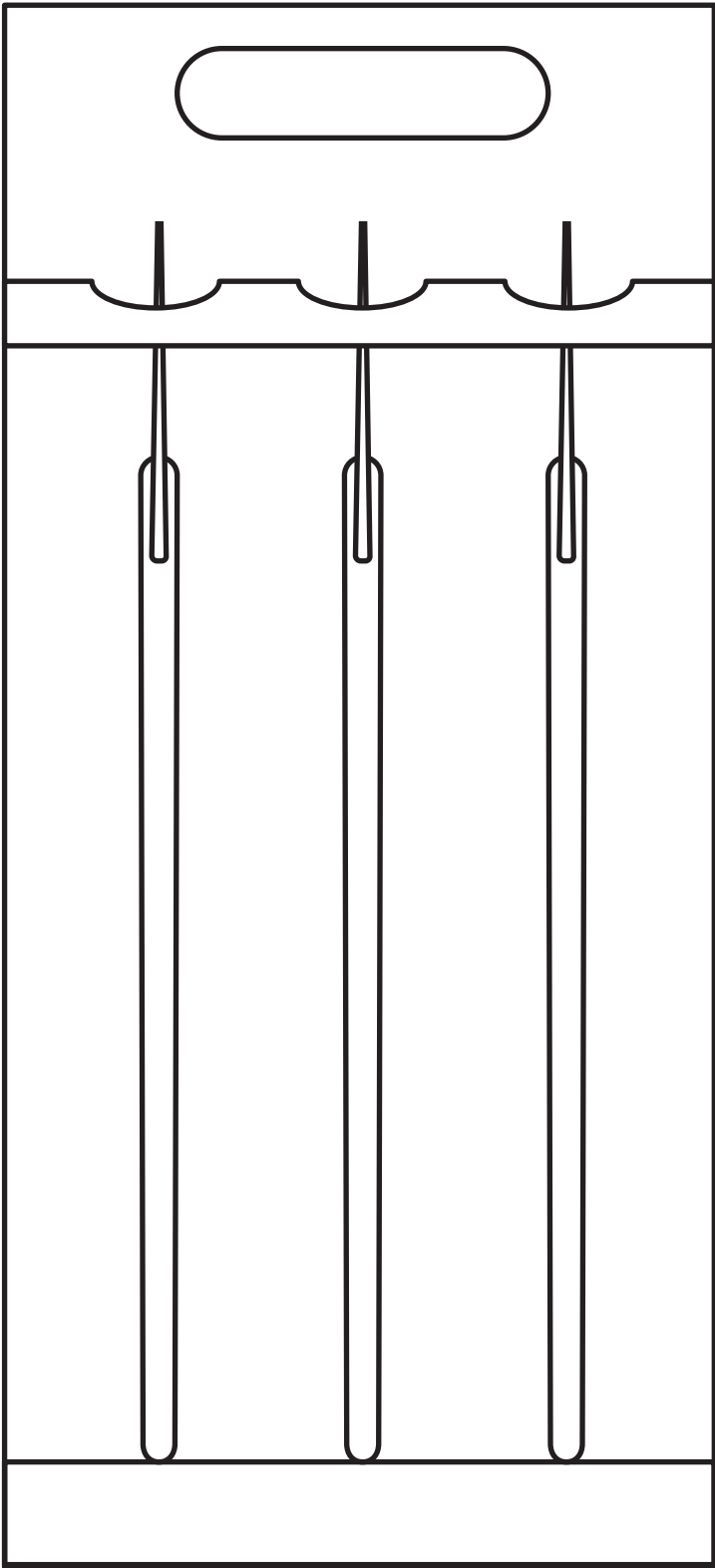


FIGURE 10

Cards with fruit images

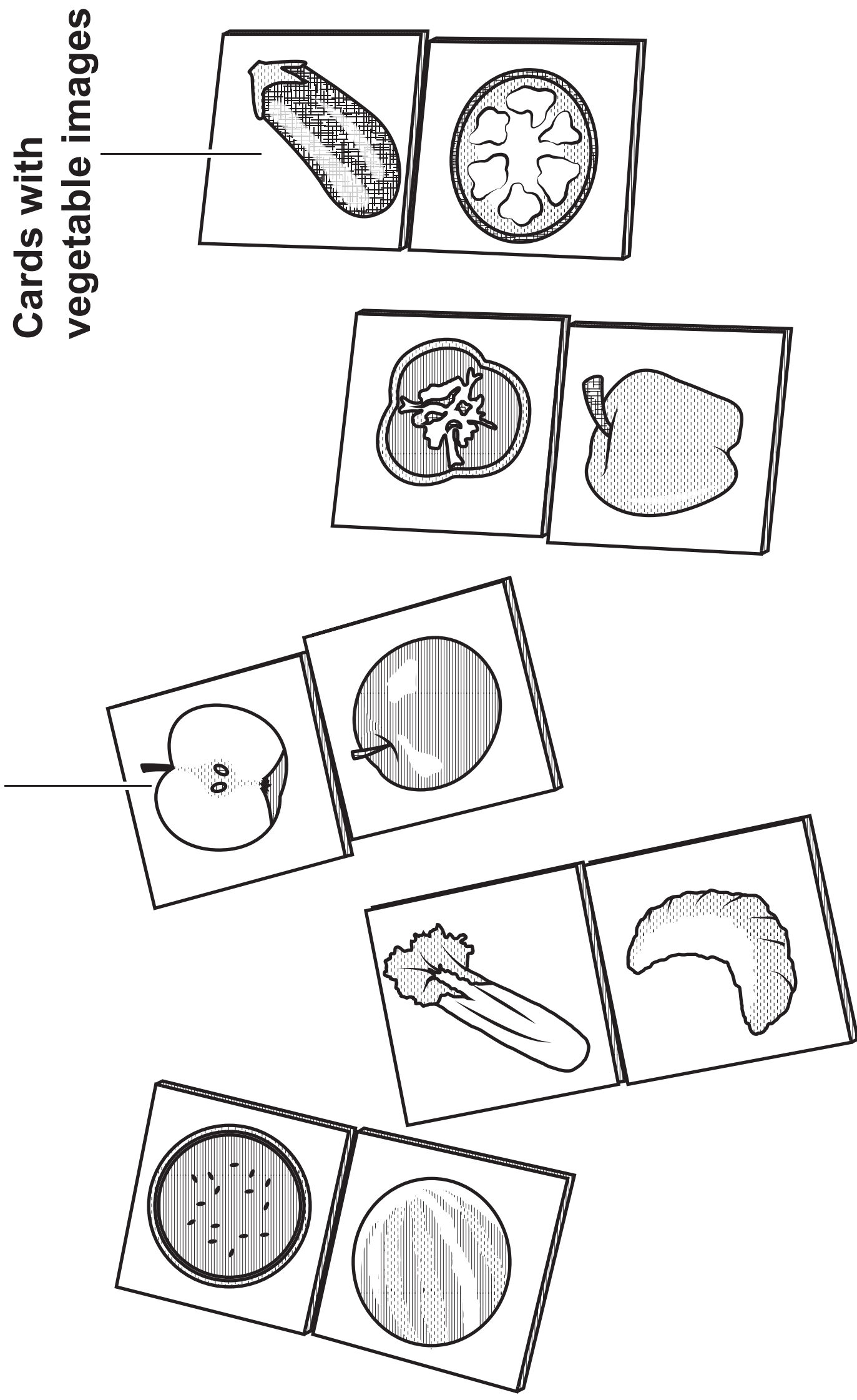
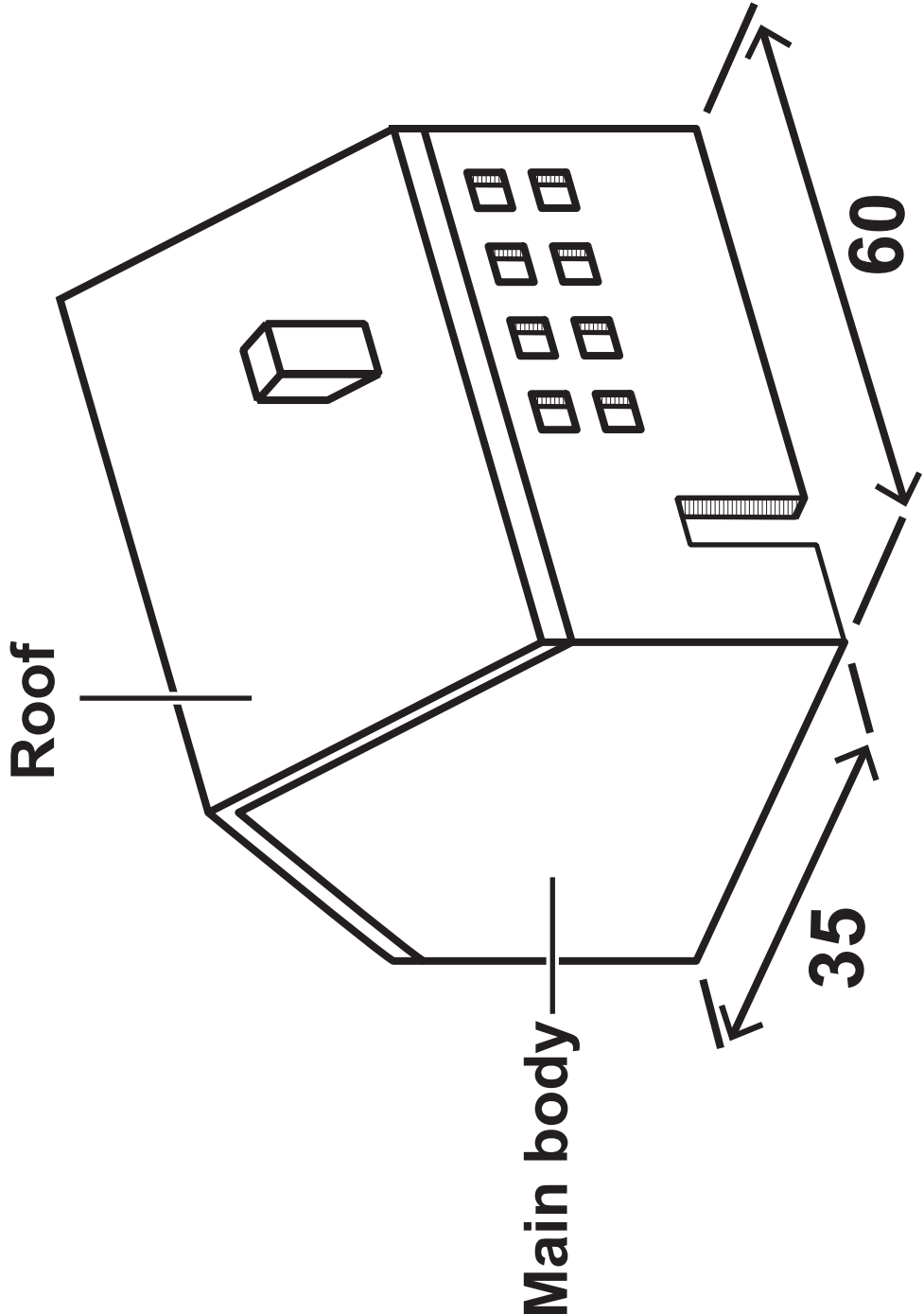


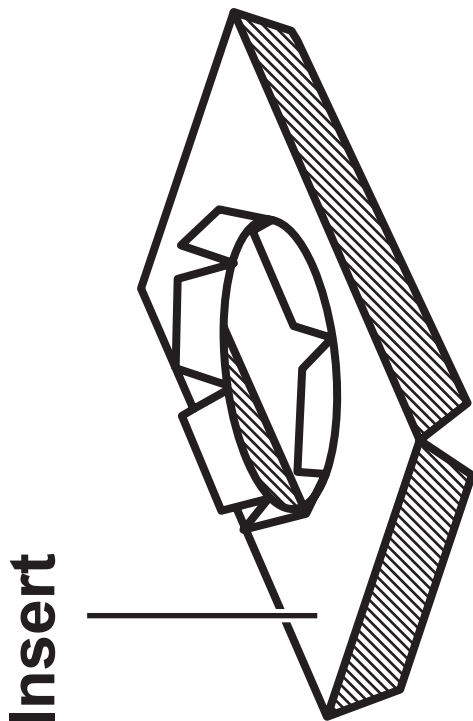
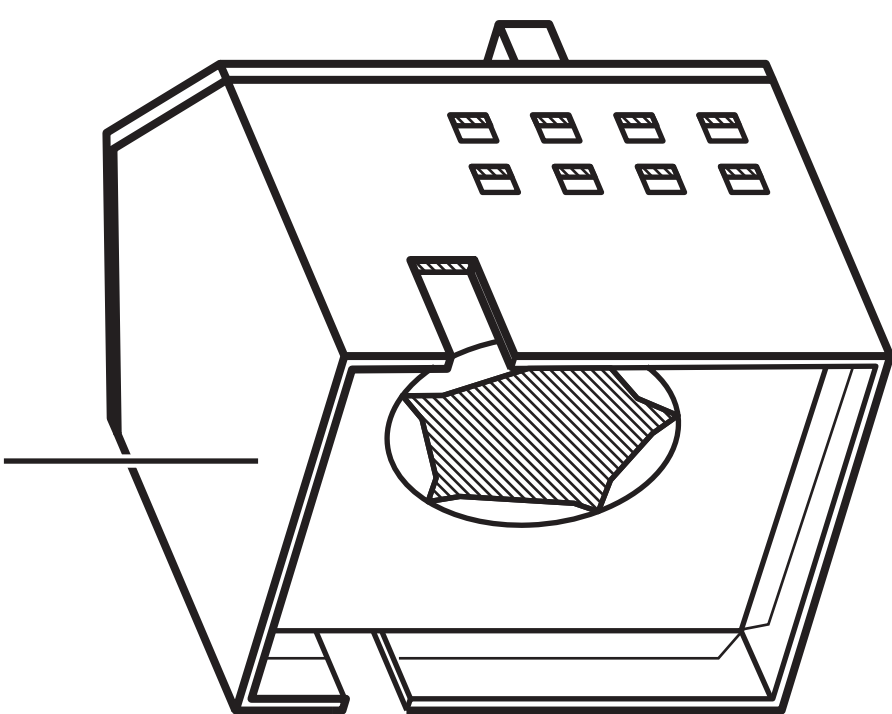
FIGURE 11

All dimensions in mm

Diagram not to scale



House tipped onto one end to see the hole for the candle in the underside

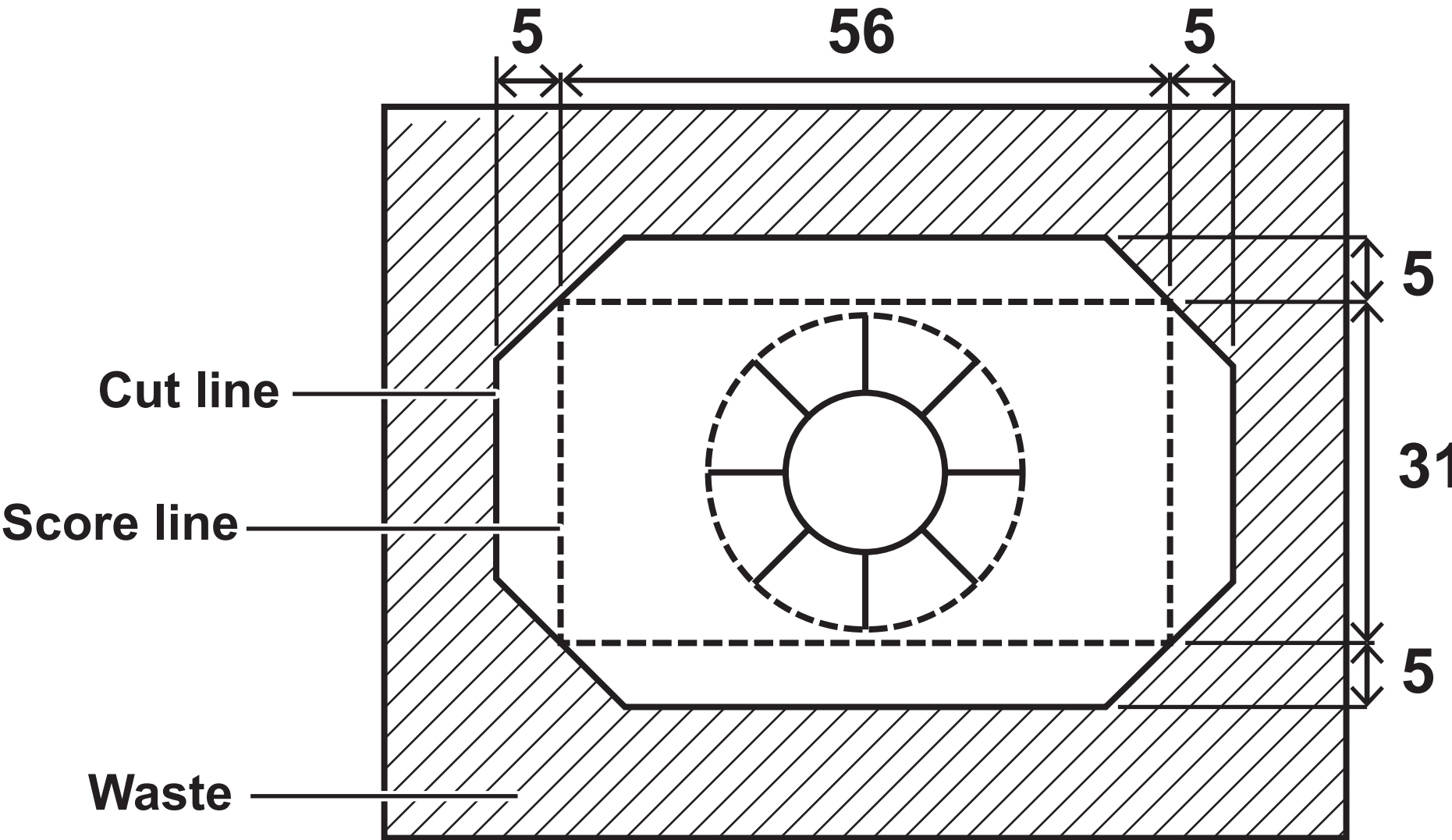


Question 6(b)

FIGURE 12

All dimensions in mm

Diagram not to scale

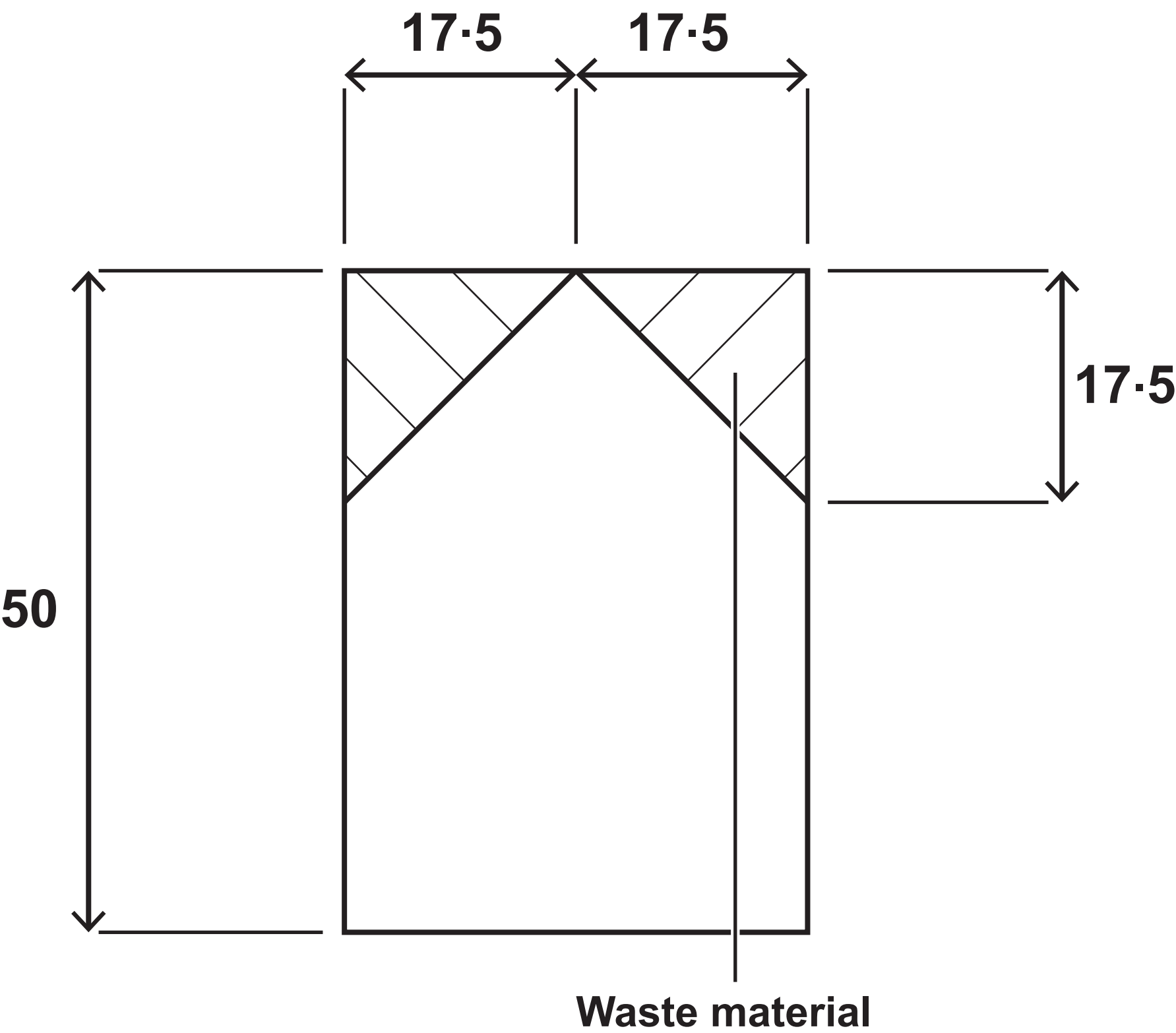


Question 6(d)

FIGURE 13

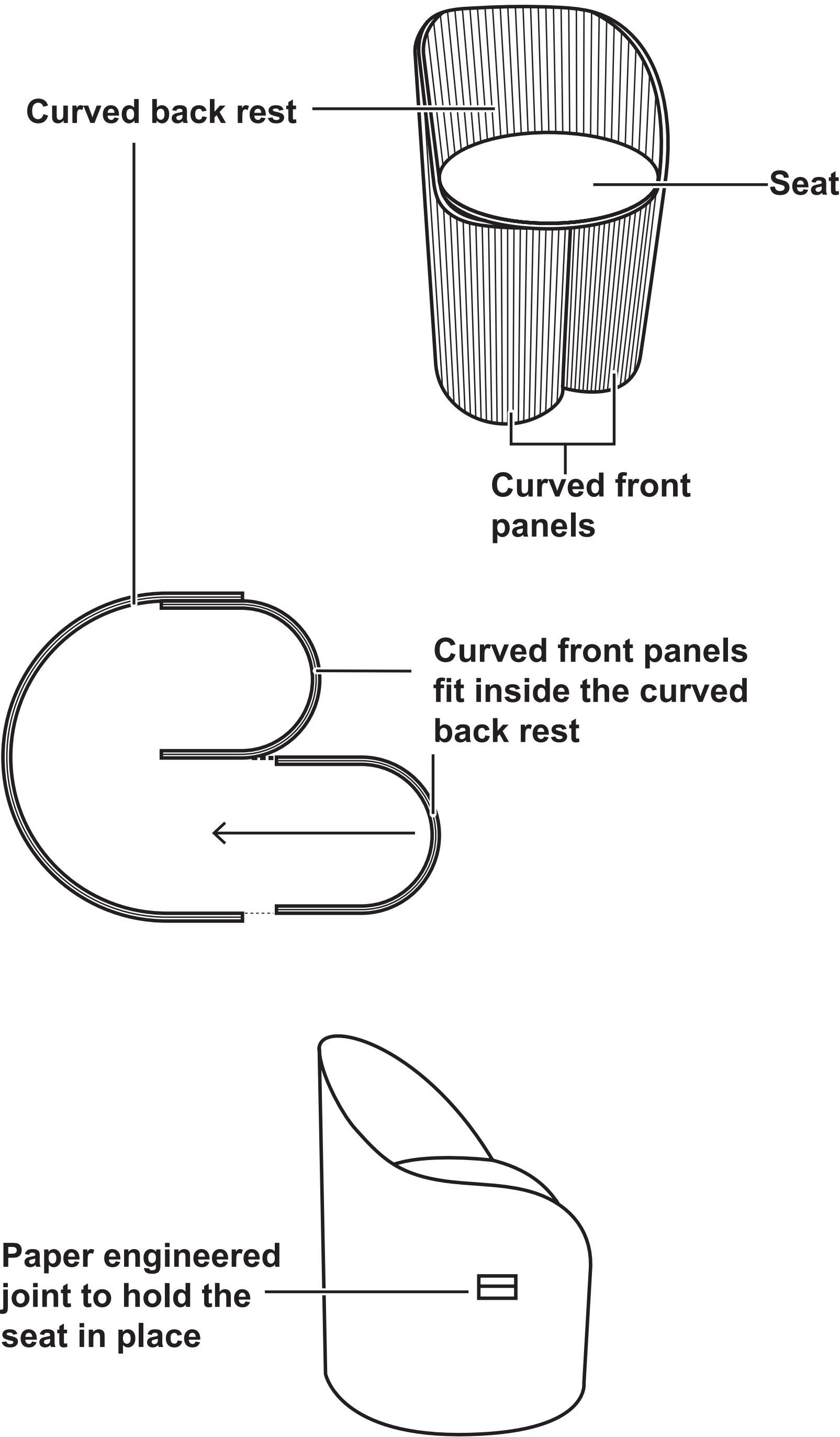
All dimensions in mm

Diagram not to scale



Question 7

FIGURE 14

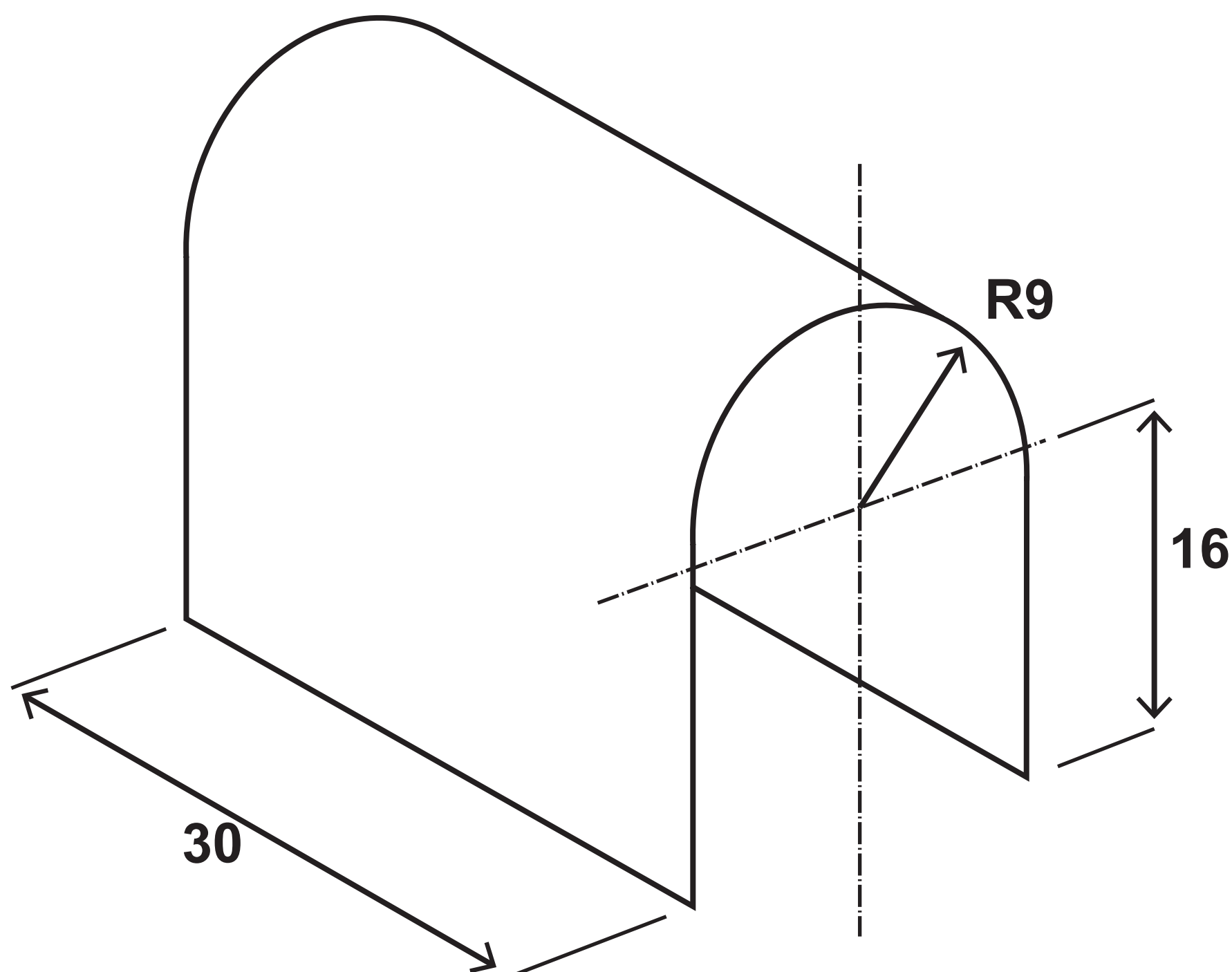


Question 7(c)

FIGURE 15

All dimensions in cm

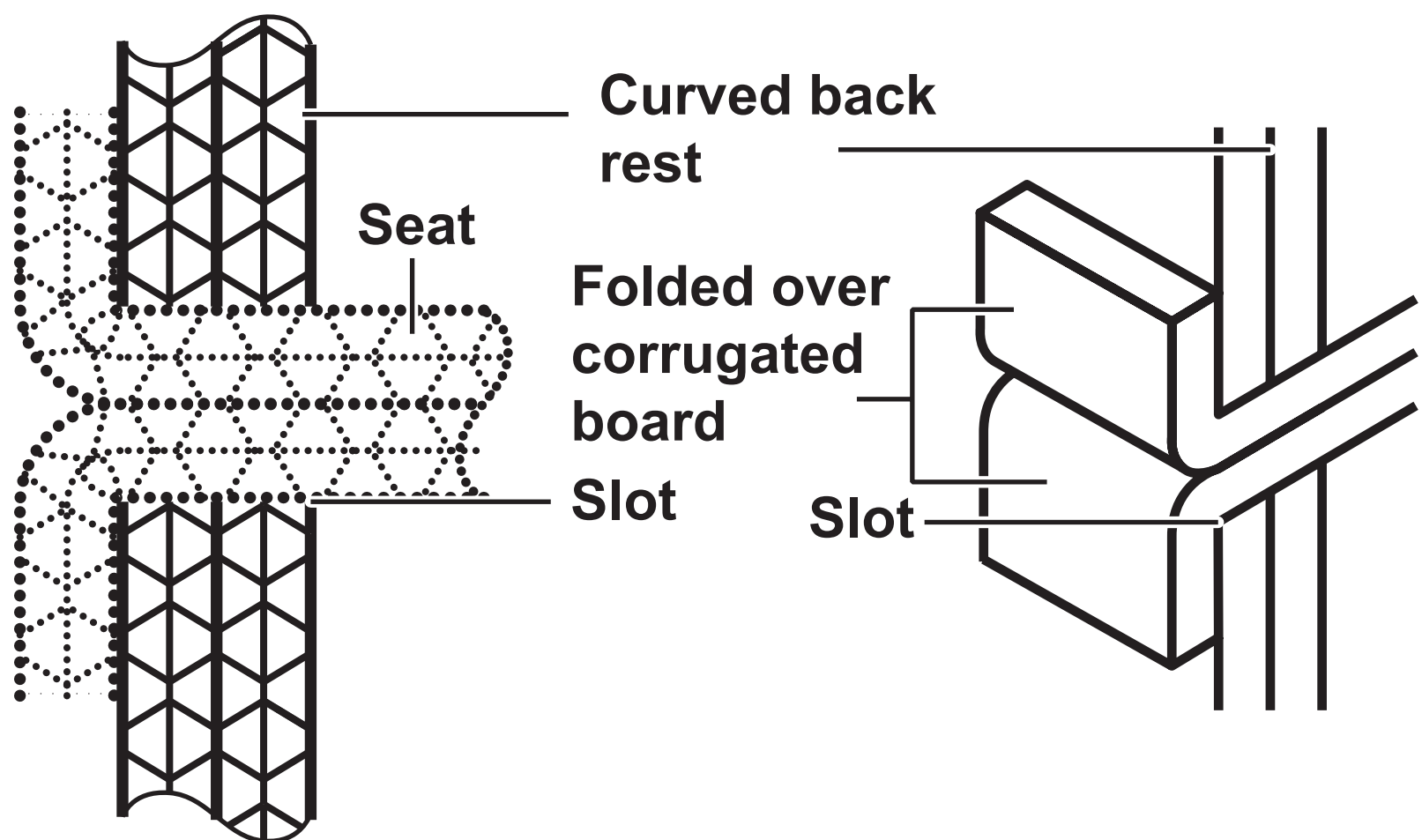
Diagram not to scale



Question 7(d)

FIGURE 16

Cross sectional view



Question 8

FIGURE 17

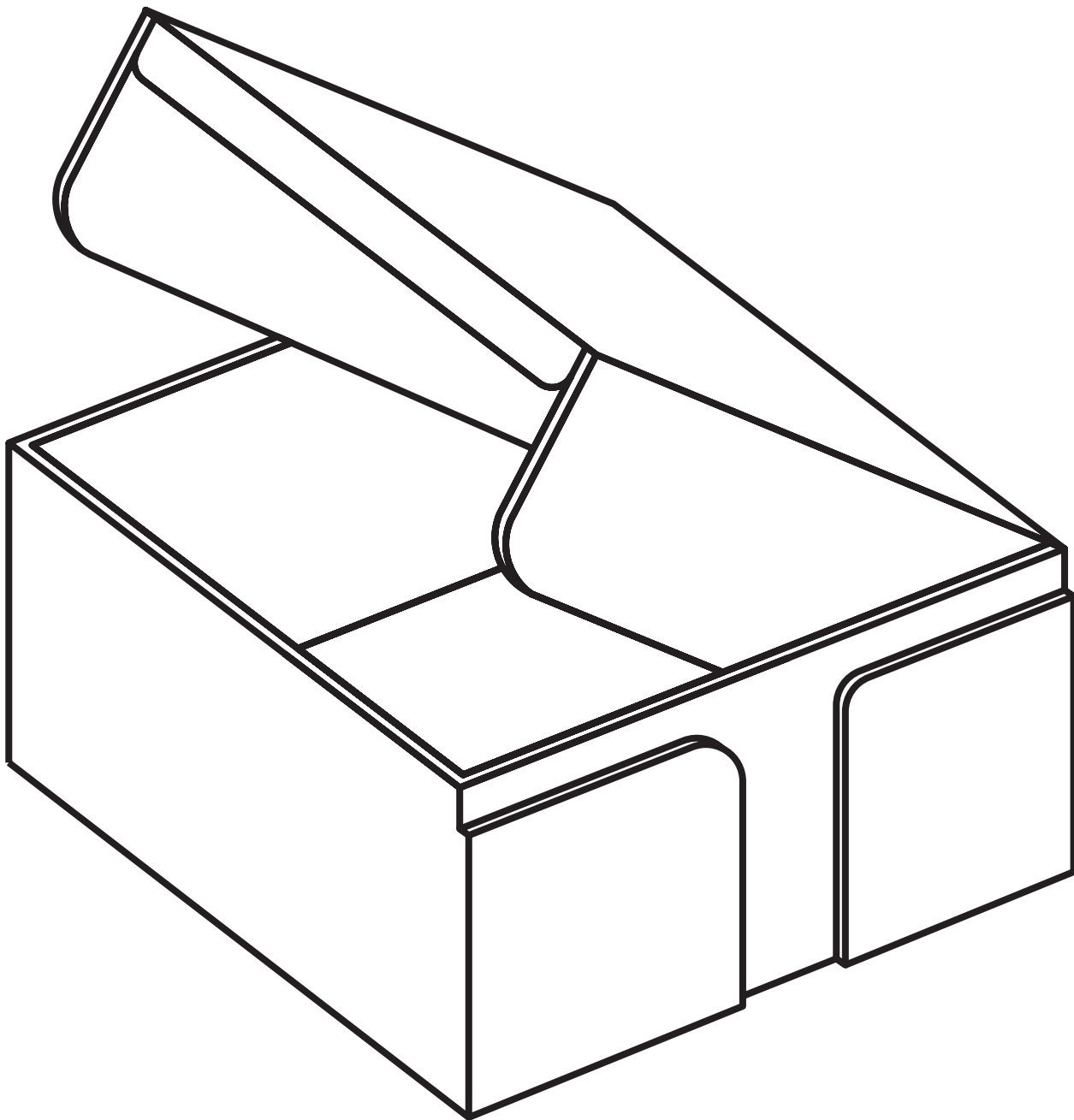
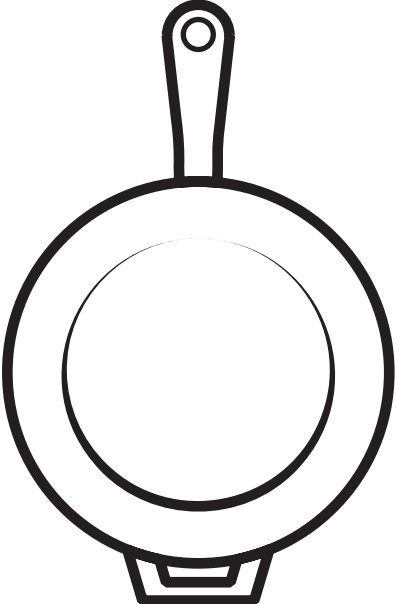
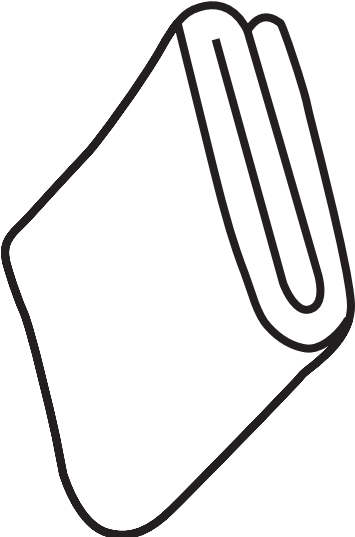


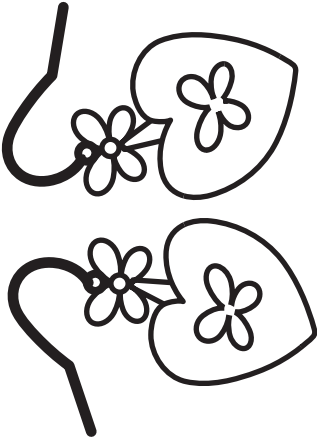
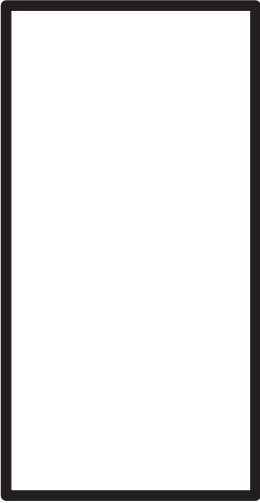
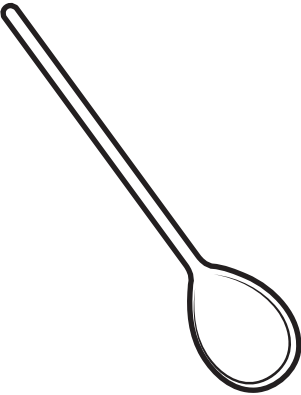
FIGURE 18

Source of solid white board	China
Country of manufacture	United Kingdom
Potential market	Online retailers, shops and schools
Scale of production	Batch

FIGURE 1

Picture of product	Material and product	Property	
	Cast iron frying pan	Hard	
	Cotton bath towel	(i) _____ (1 mark)	

(continued on the next page)

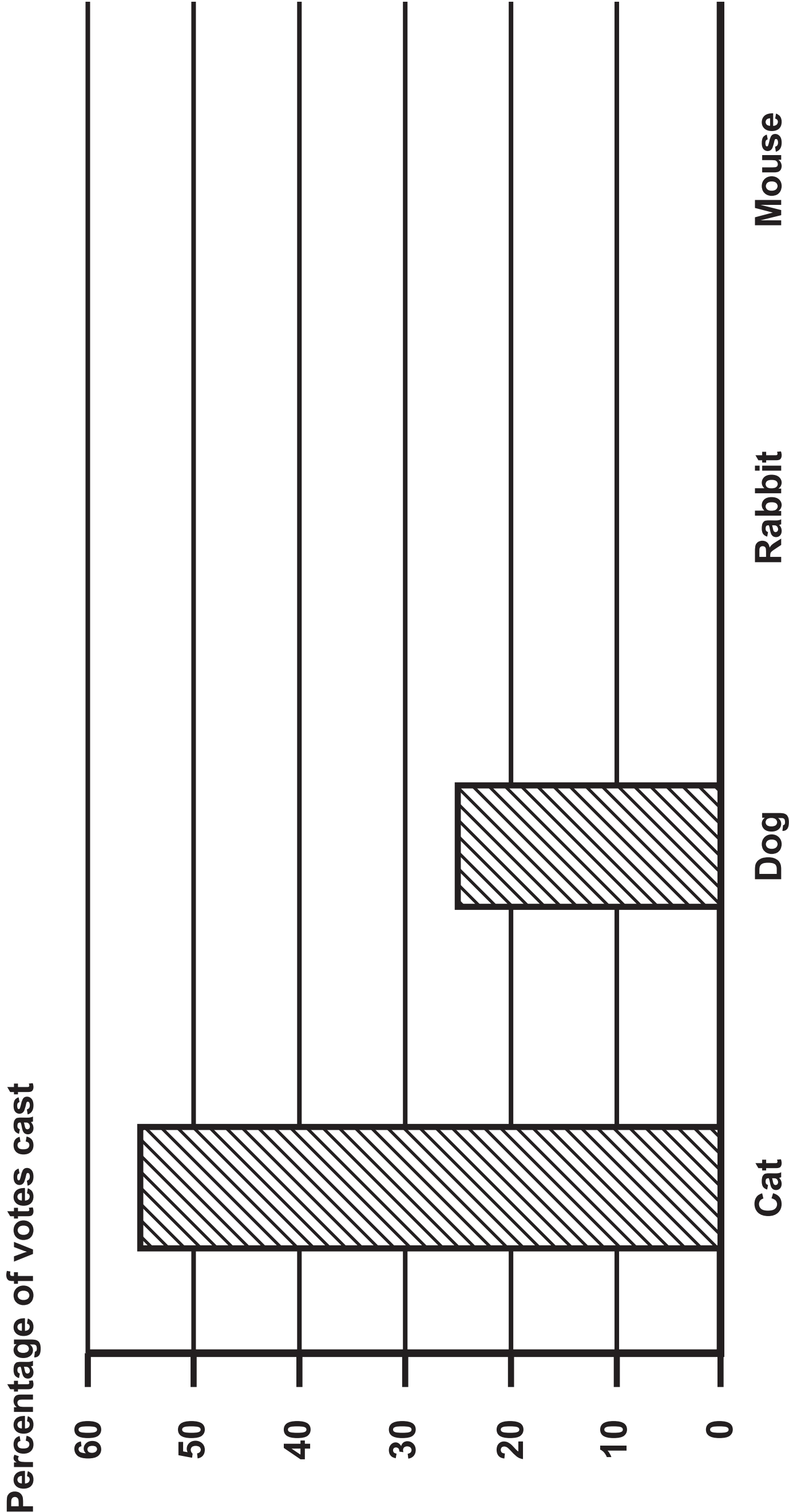
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Question 2(d)(i)

FIGURE 3

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Rabbit	<div></div>	15
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TOTAL	300	100

FIGURE 4



Question 5(a) – Outline

