

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.

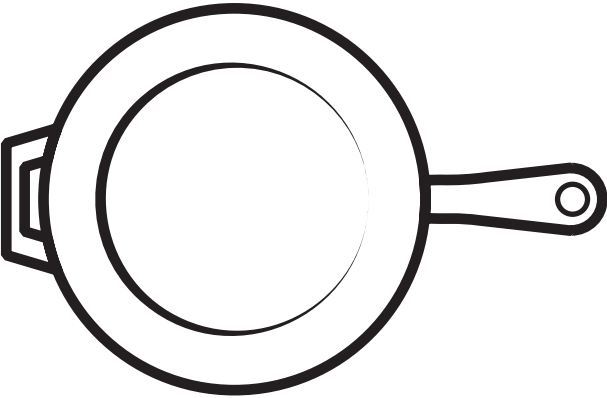
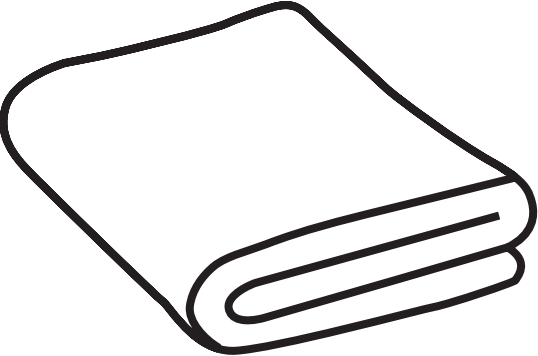
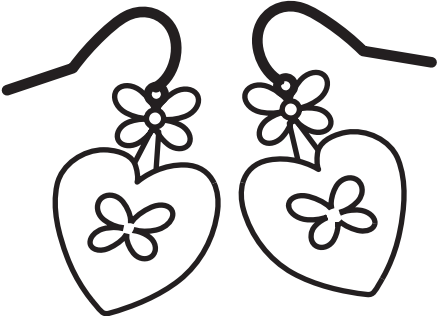

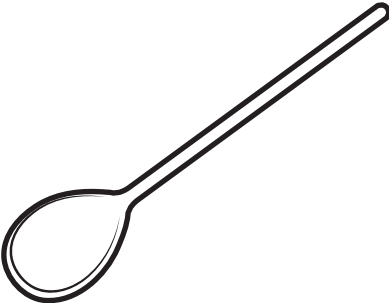
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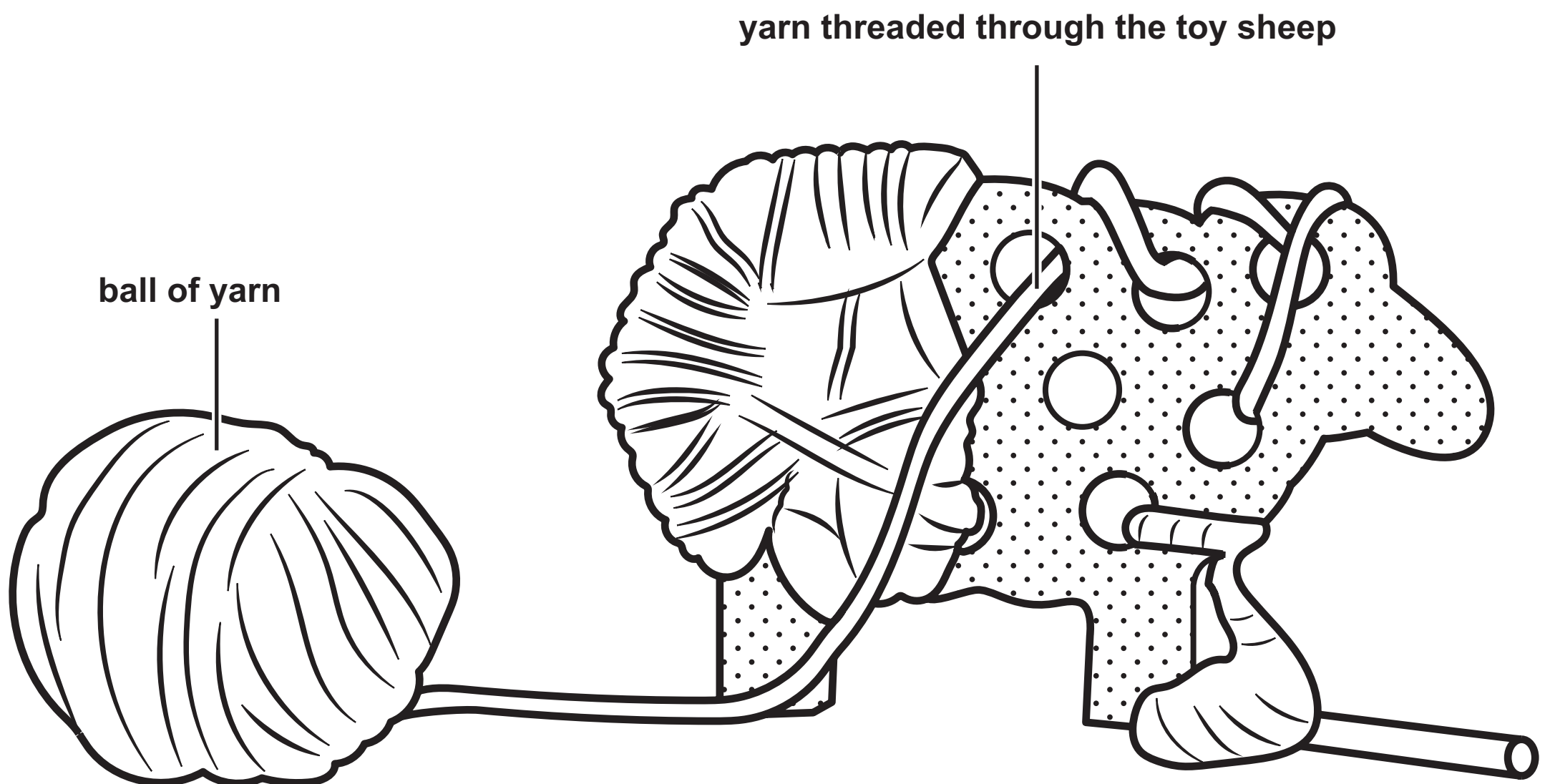
Question 1(a)

FIGURE 1

Picture of product	Material and product	Property
	Cast iron frying pan	Hard
	Cotton bath towel	(i) _____ (1 mark)
	Polyester resin earrings	(ii) _____ (1 mark)
	Copier paper	(iii) _____ (1 mark)
	Beech cooking spoon	(iv) _____ (1 mark)

Question 2

FIGURE 2



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

Question 2(d)(ii)

FIGURE 4

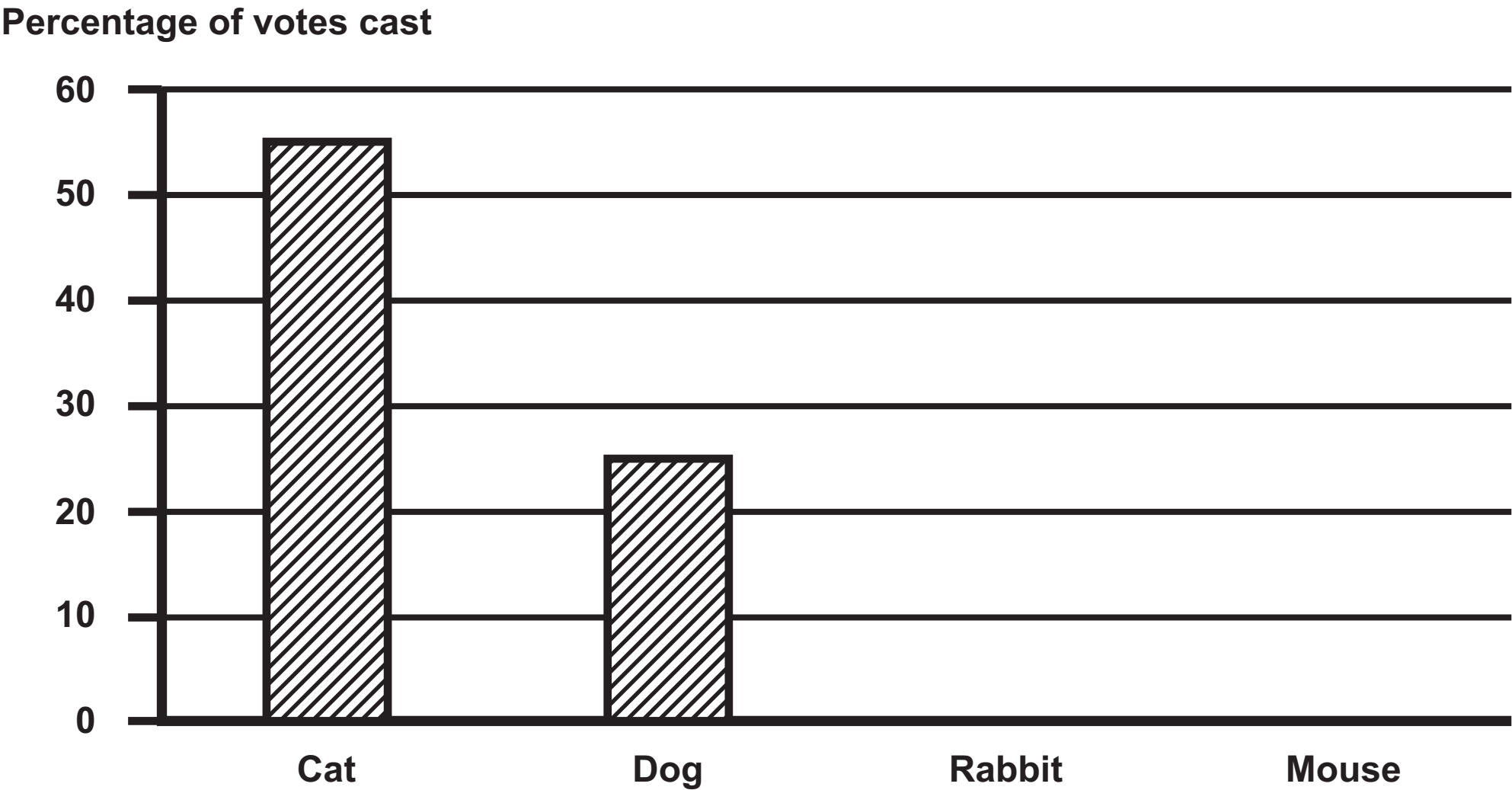
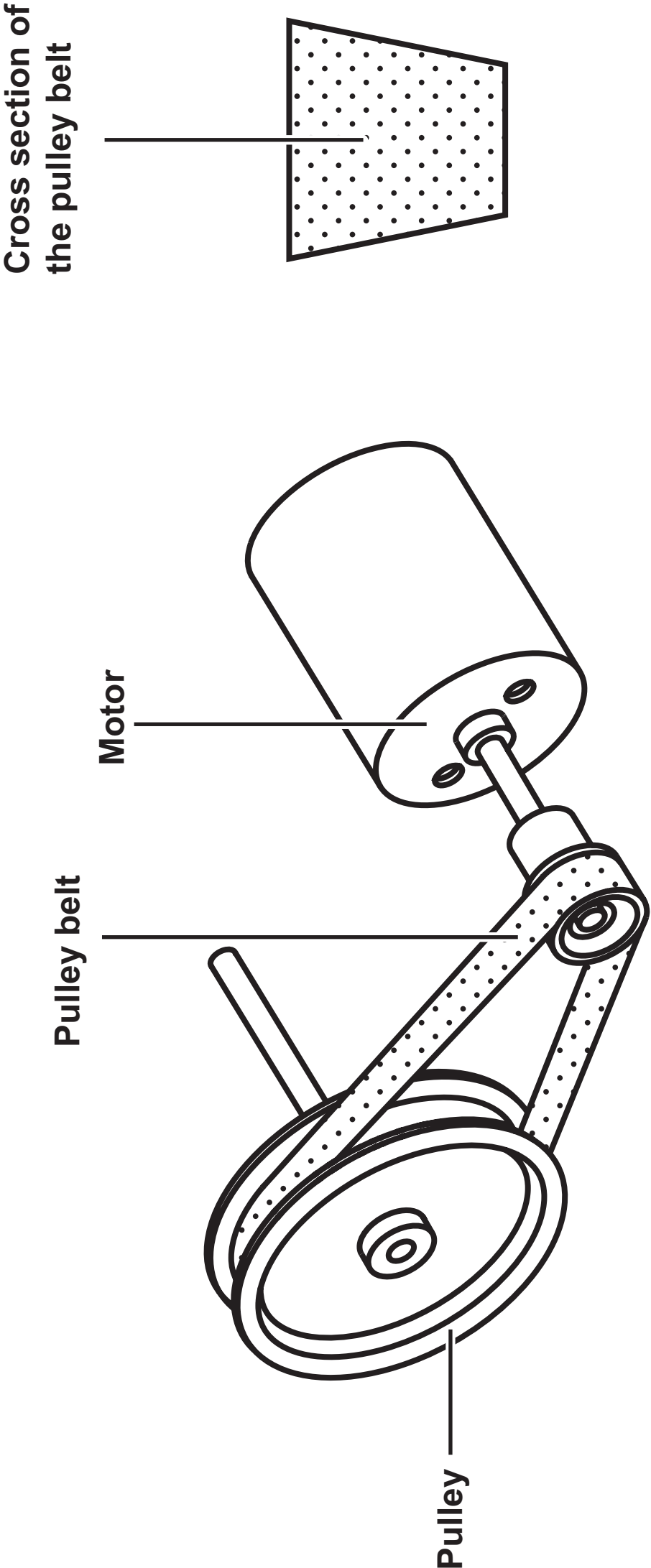
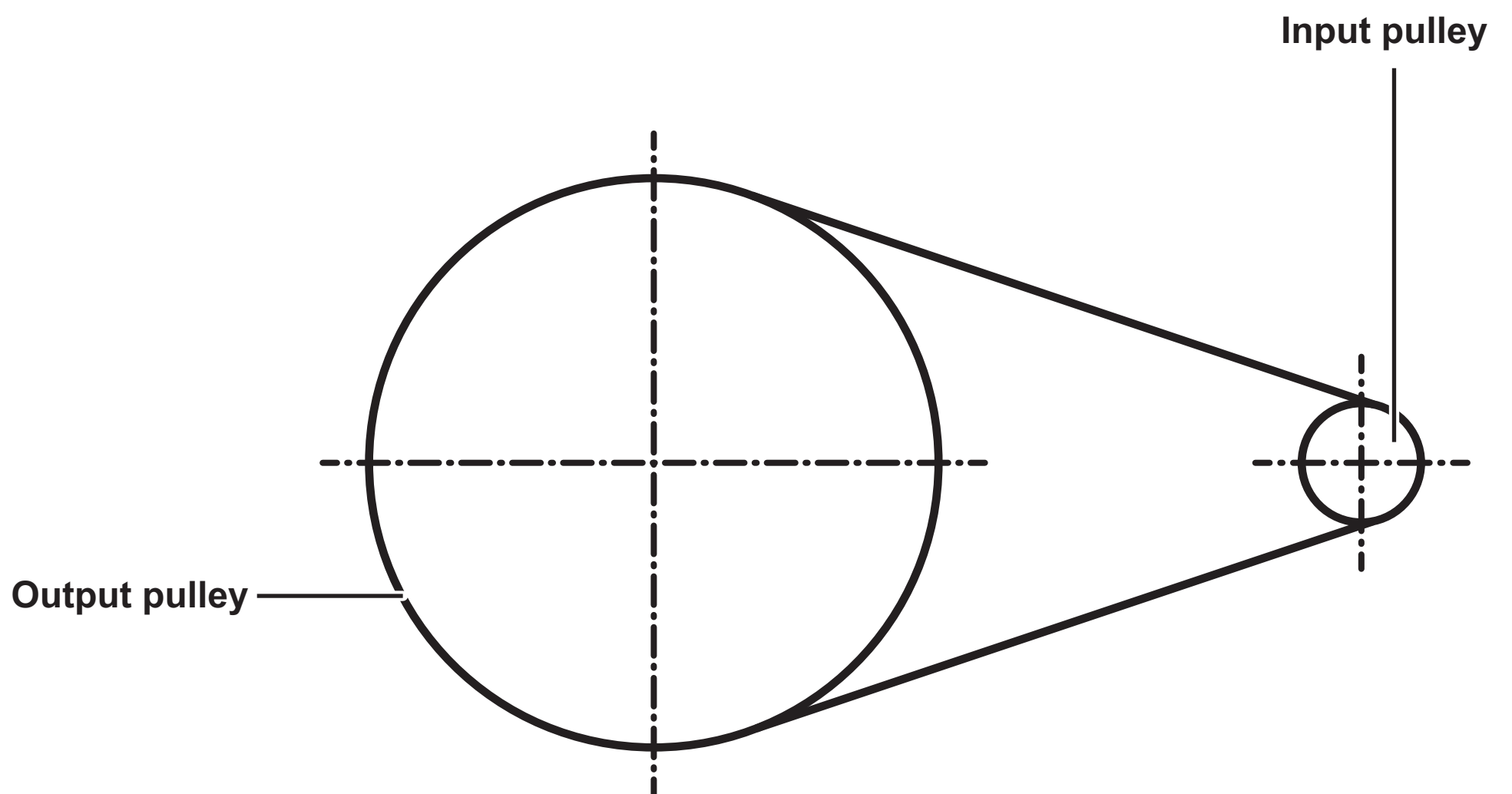


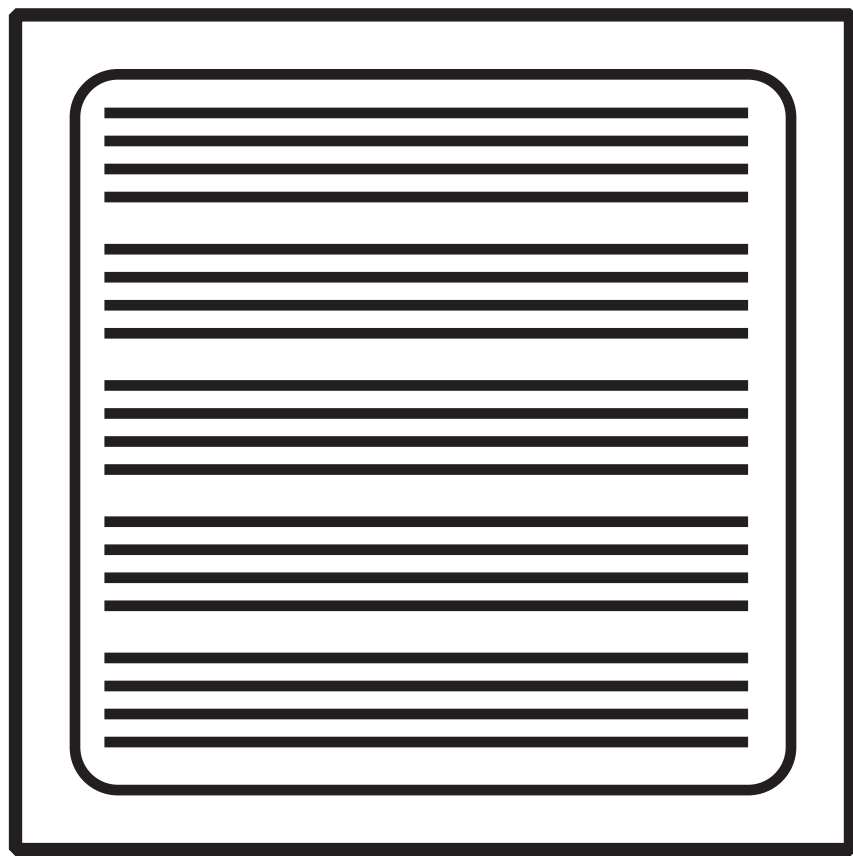
FIGURE 5



Question 3(c)

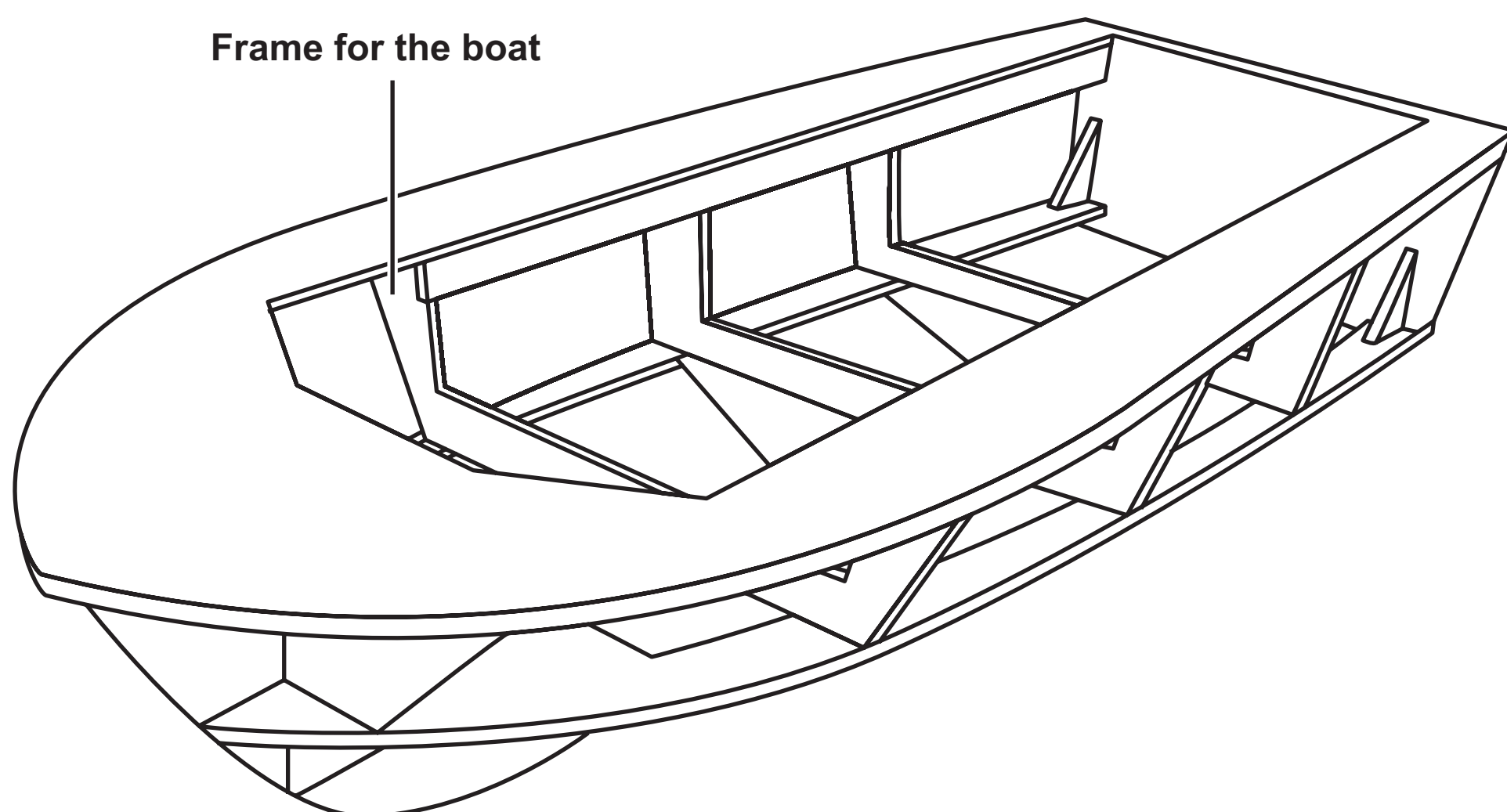
FIGURE 6



Question 3(d)**FIGURE 7**

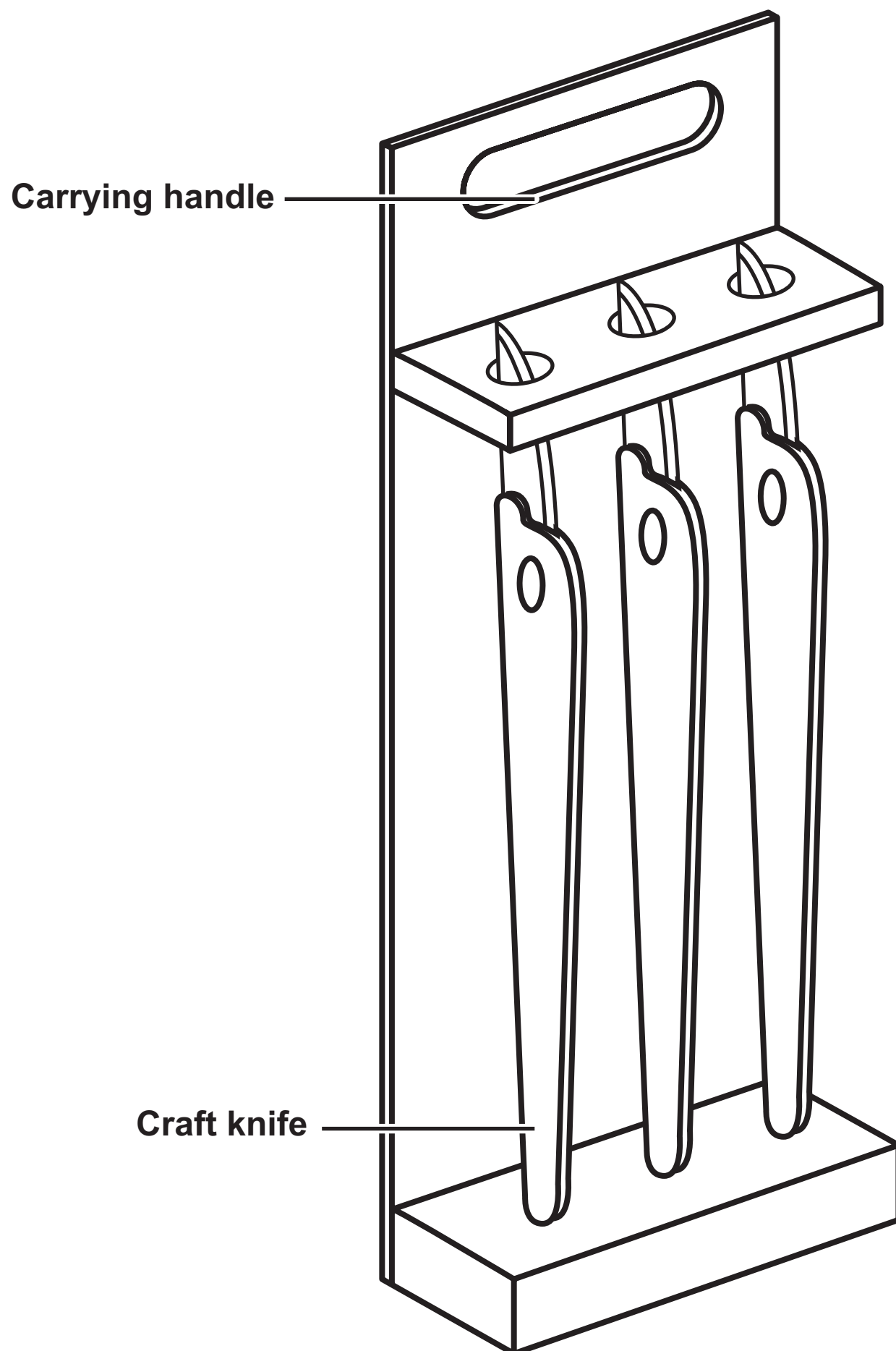
Question 3(e)

FIGURE 8



Question 5

FIGURE 9

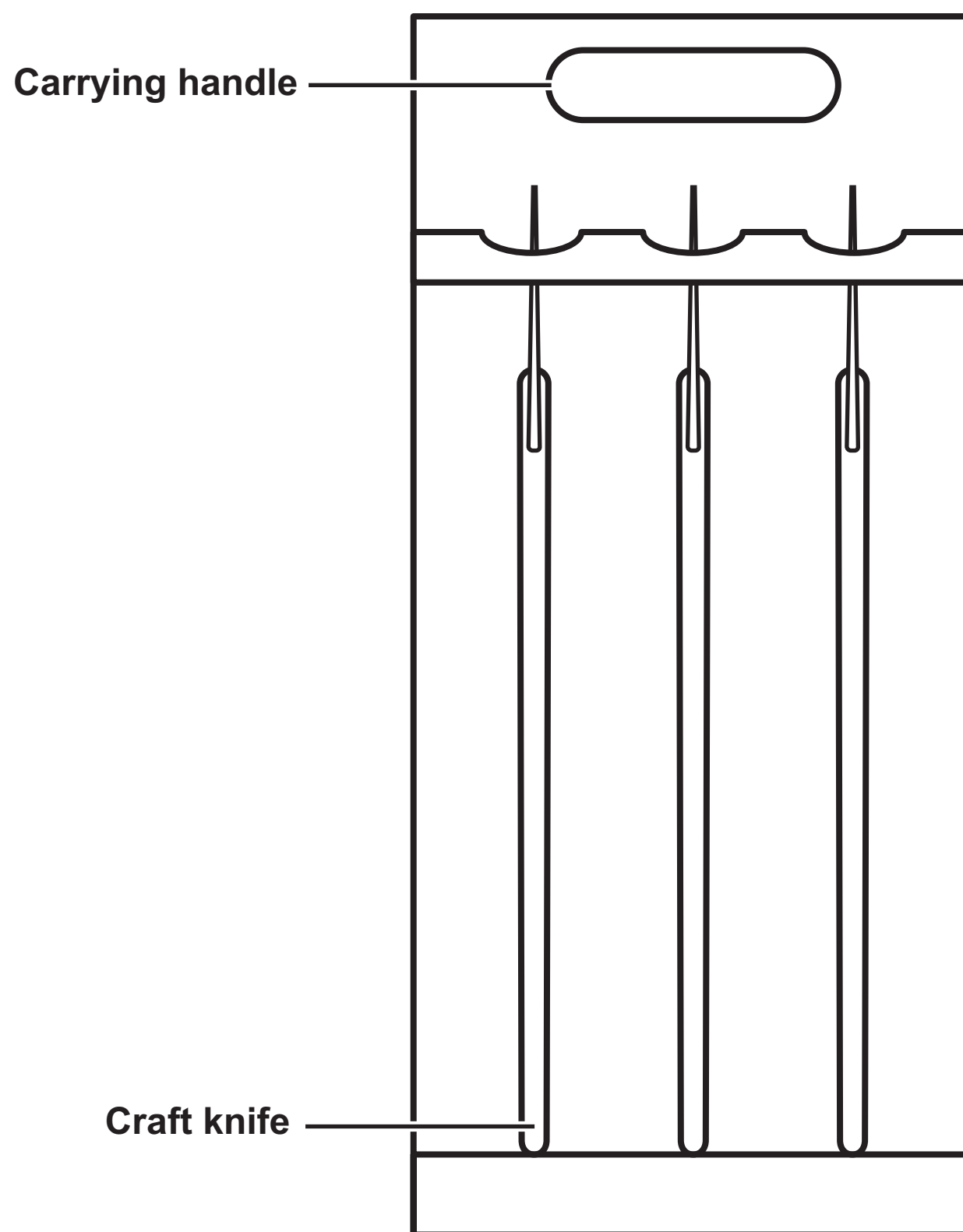


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Turn over

5 continued.

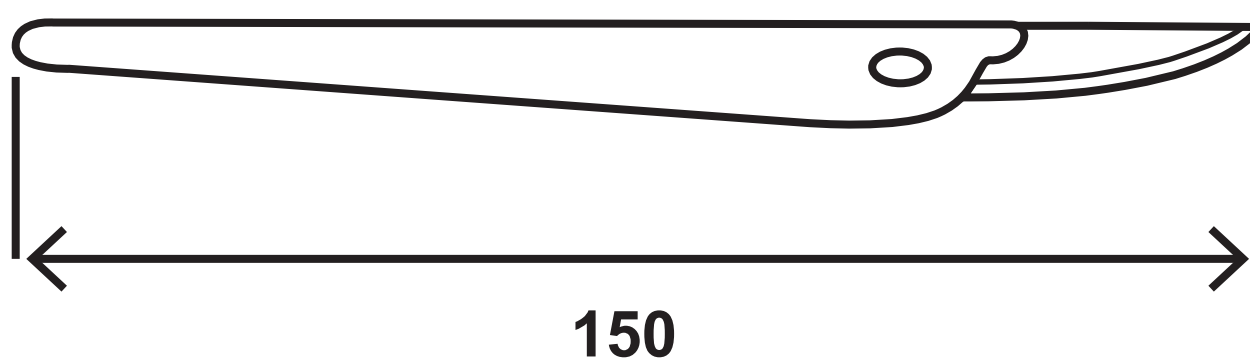
FIGURE 9 – FRONT VIEW



Additional information – dimensions of craft knives

All dimensions in mm

Diagram not to scale



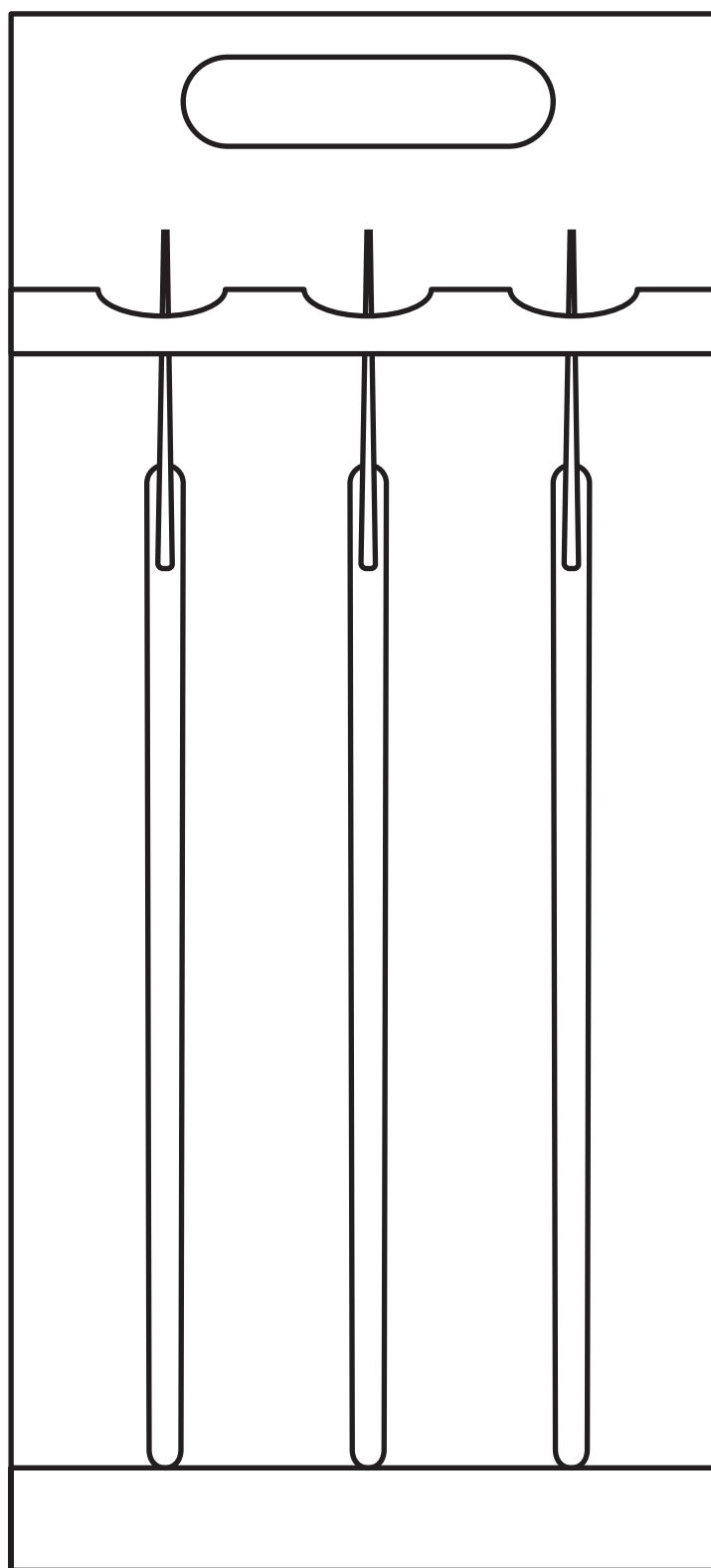
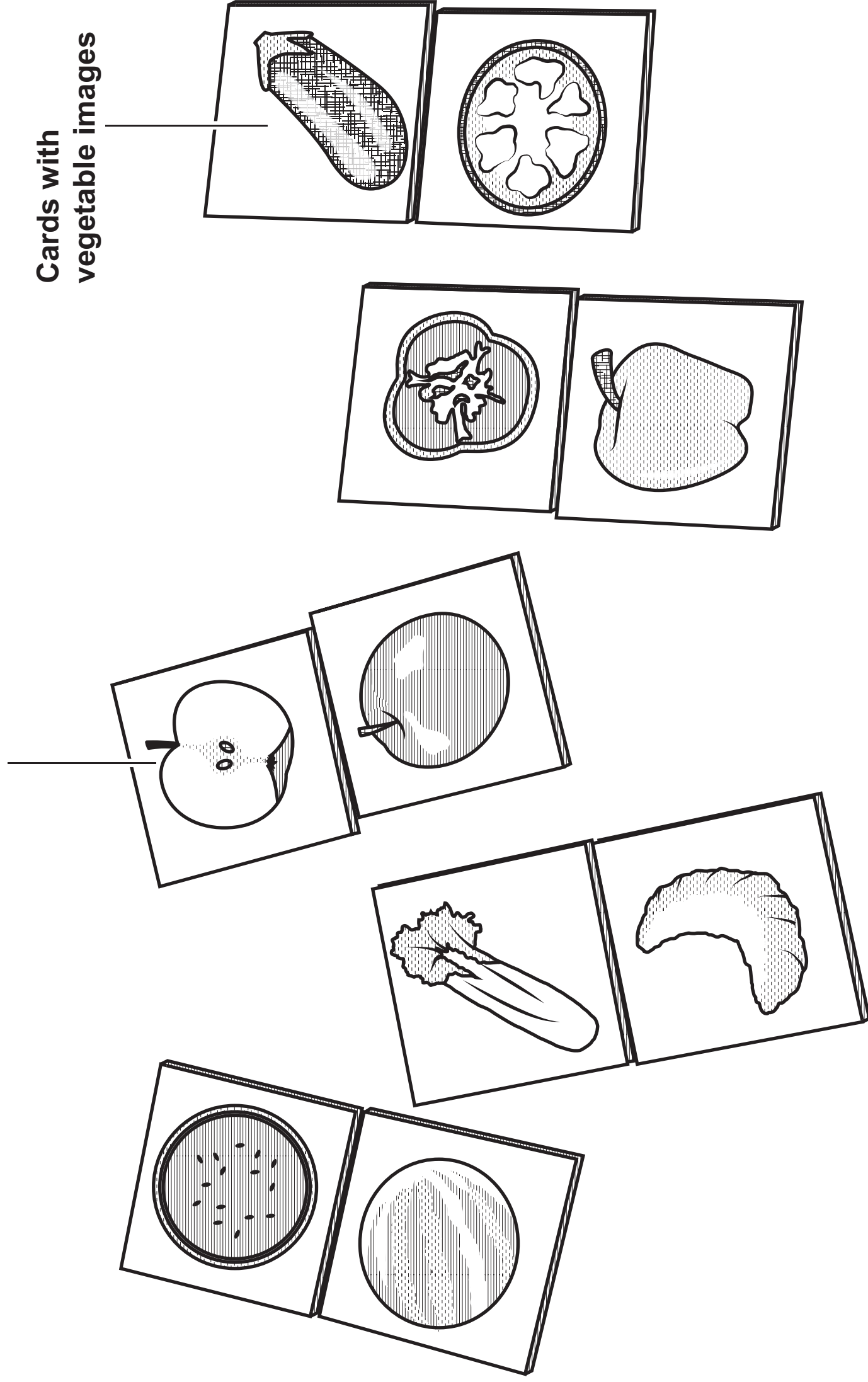
Question 5(a) – Outline

FIGURE 10

Cards with fruit images

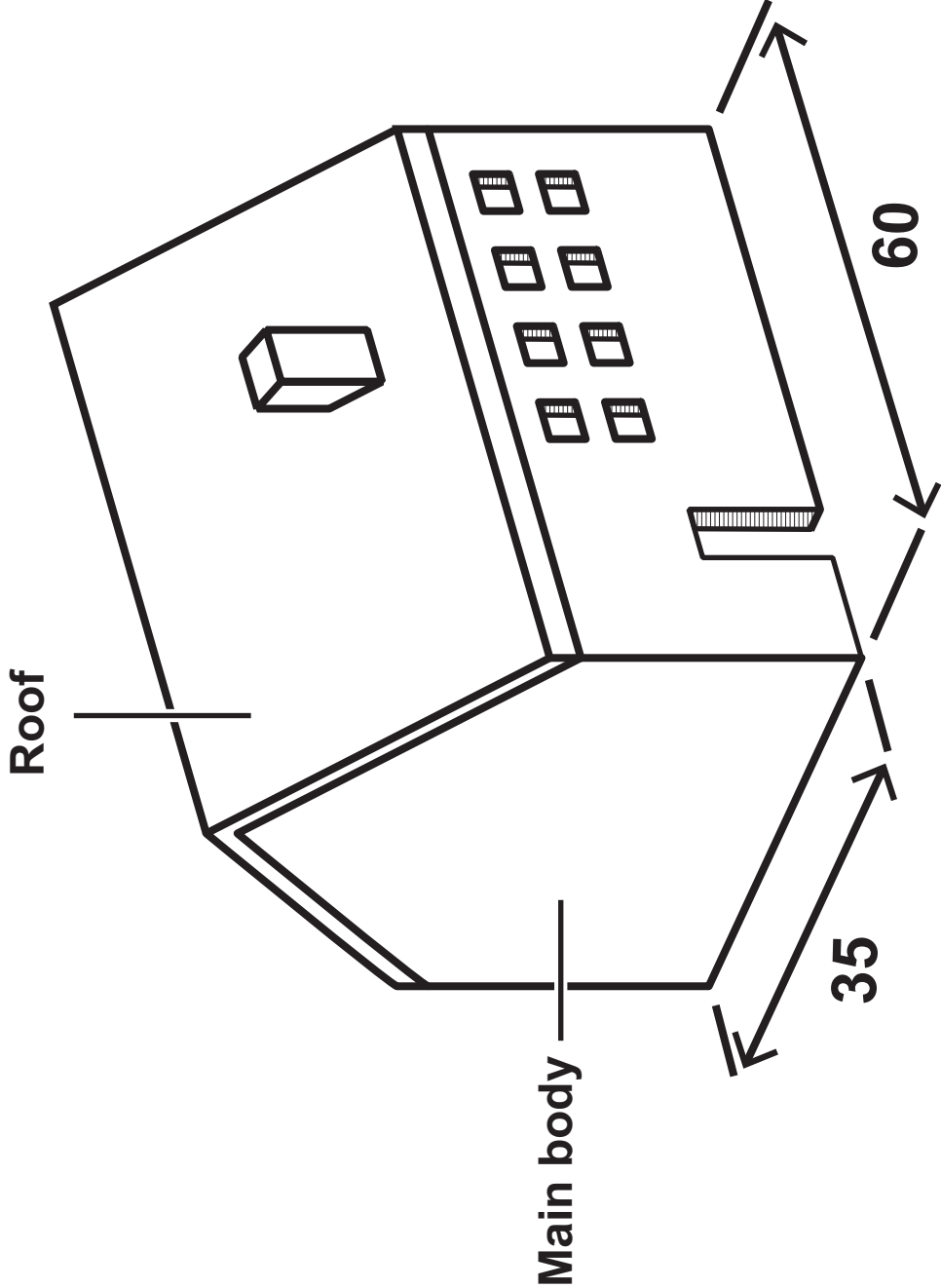


Cards with vegetable images

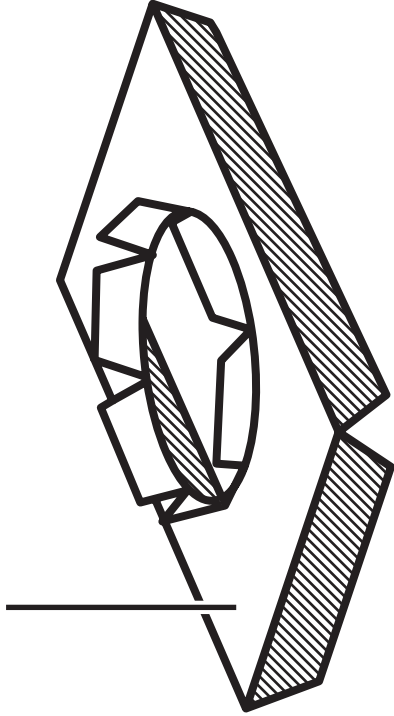
FIGURE 11

All dimensions in mm

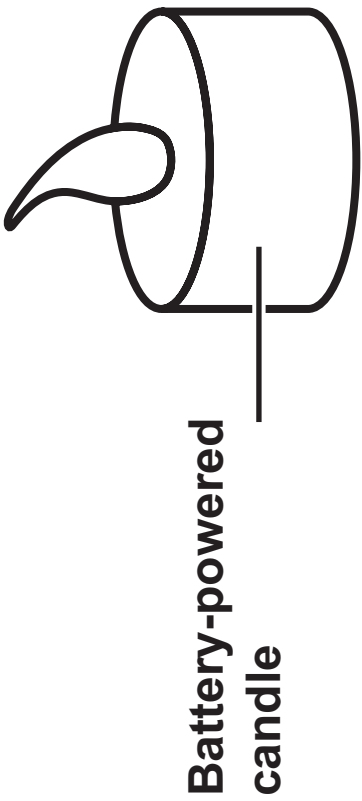
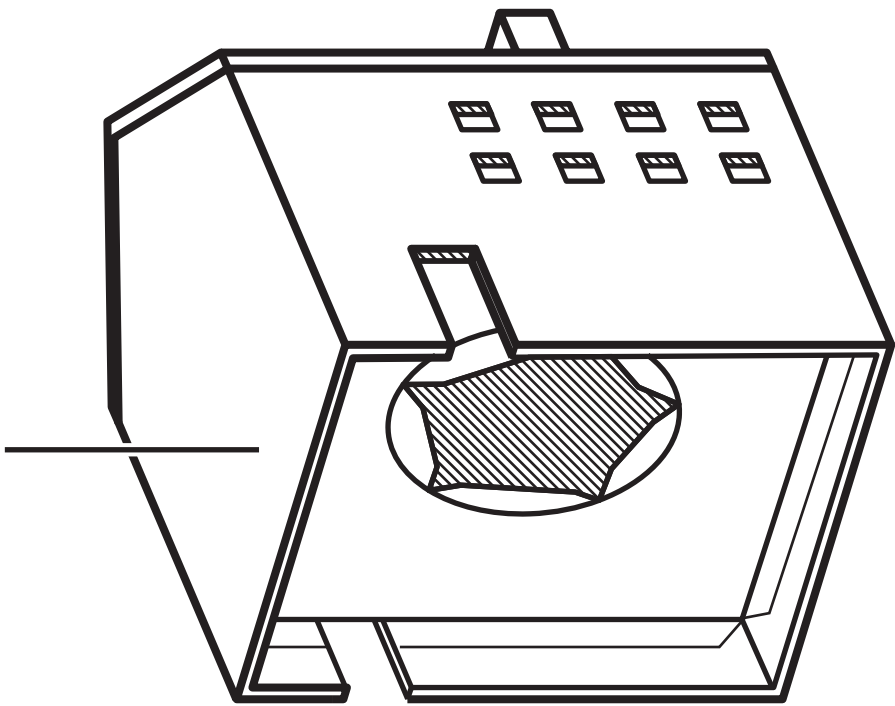
Diagram not to scale



Insert



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

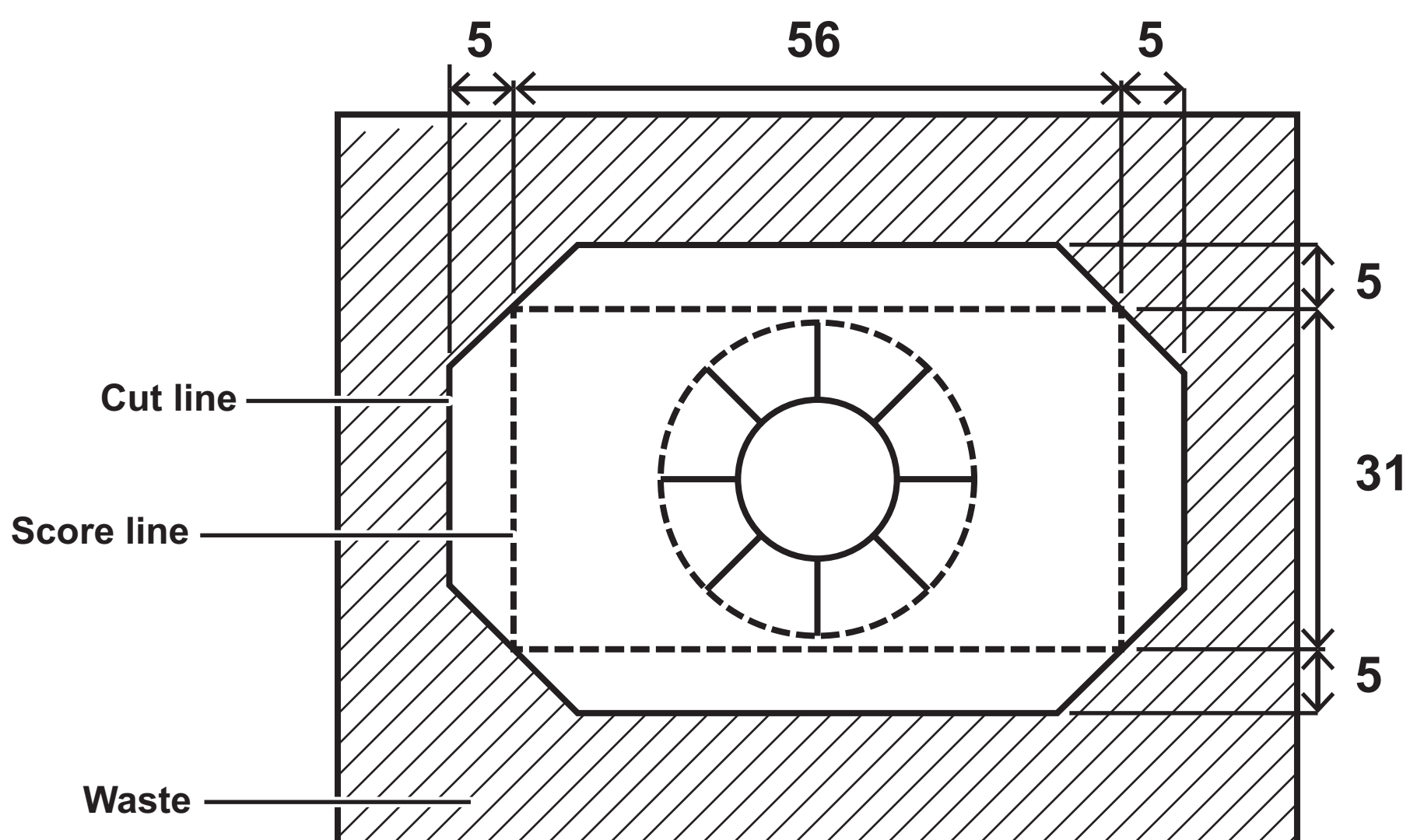


Question 6(b)

FIGURE 12

All dimensions in mm

Diagram not to scale

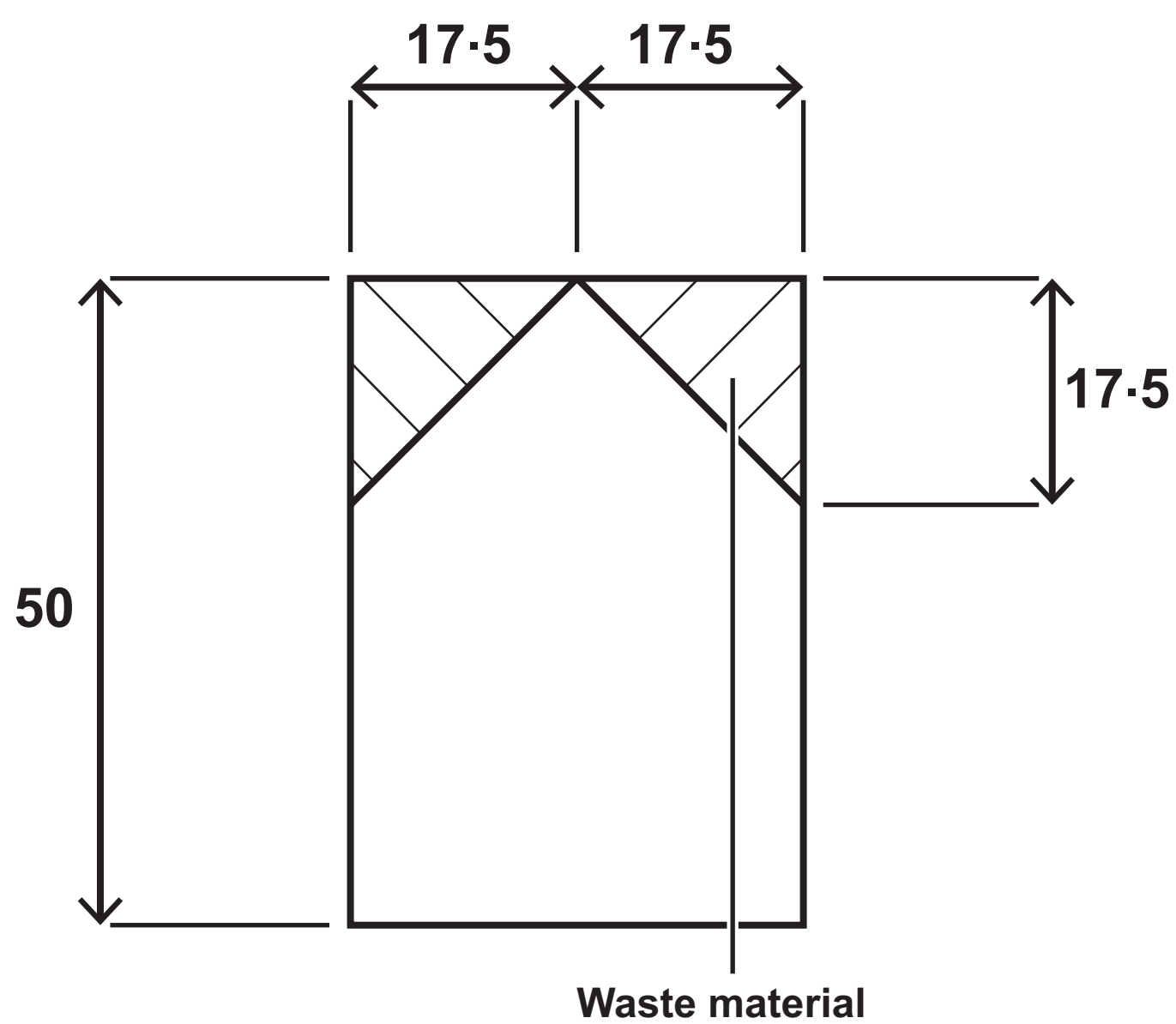


Question 6(d)

FIGURE 13

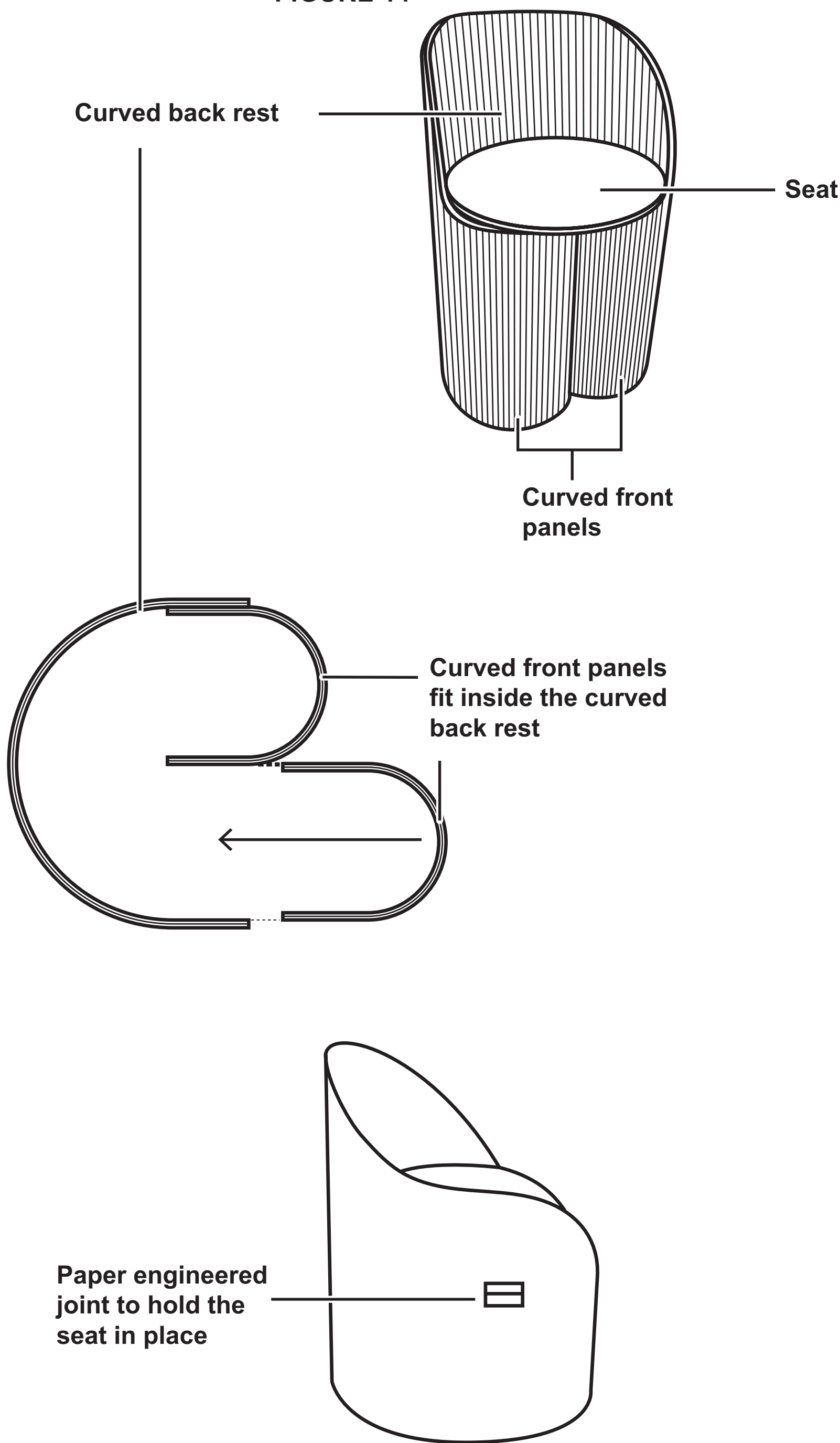
All dimensions in mm

Diagram not to scale



Question 7

FIGURE 14

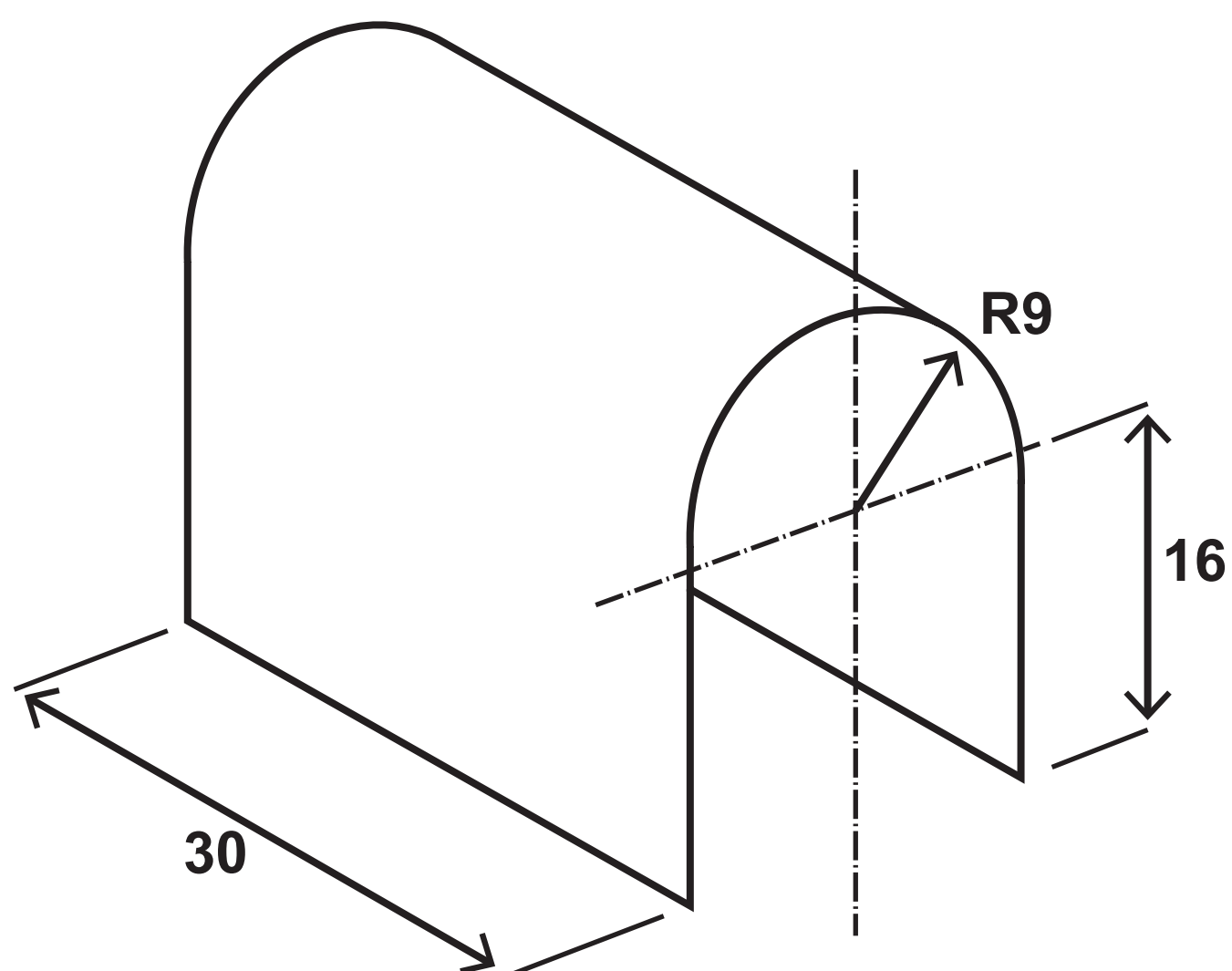


Question 7(c)

FIGURE 15

All dimensions in cm

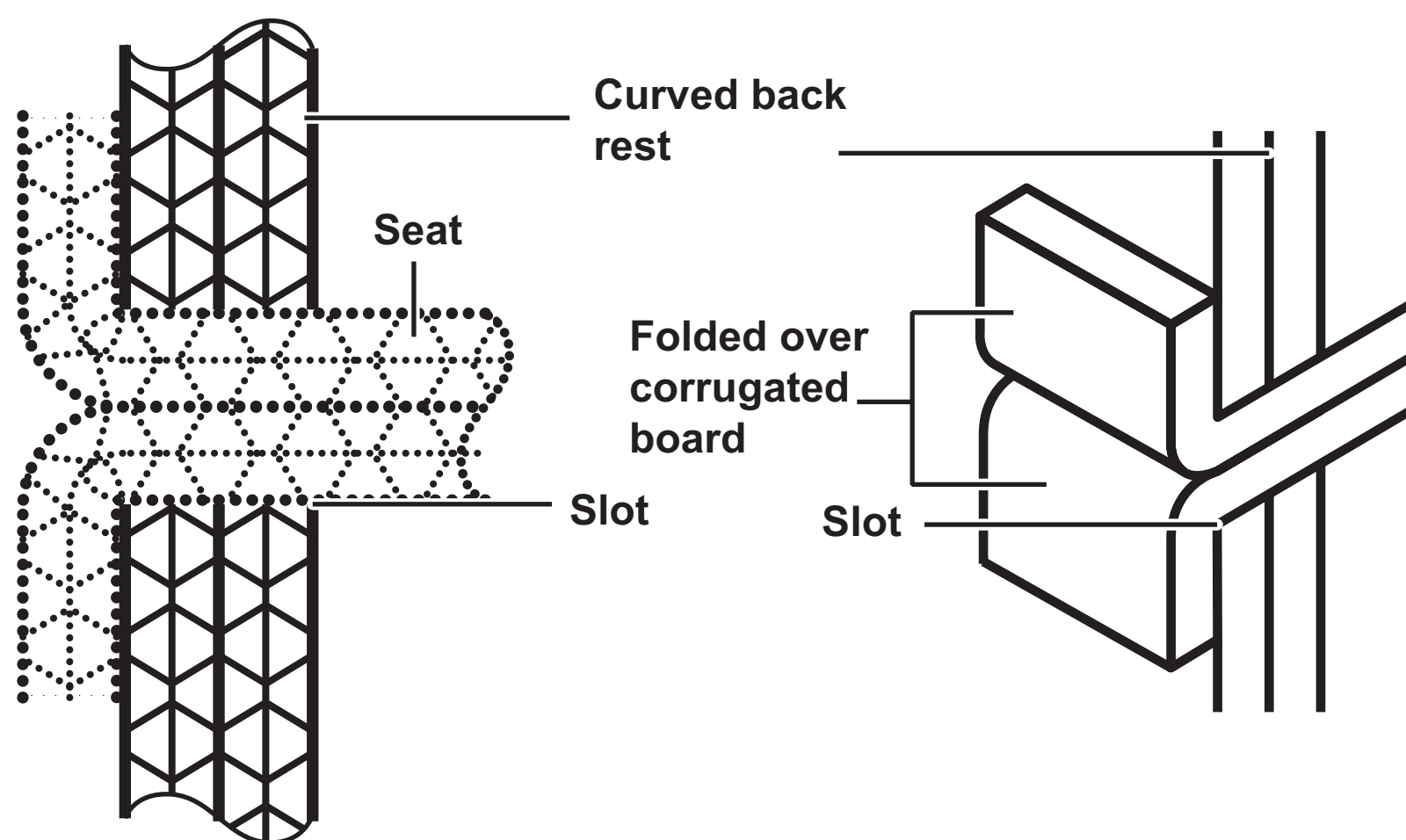
Diagram not to scale



Question 7(d)

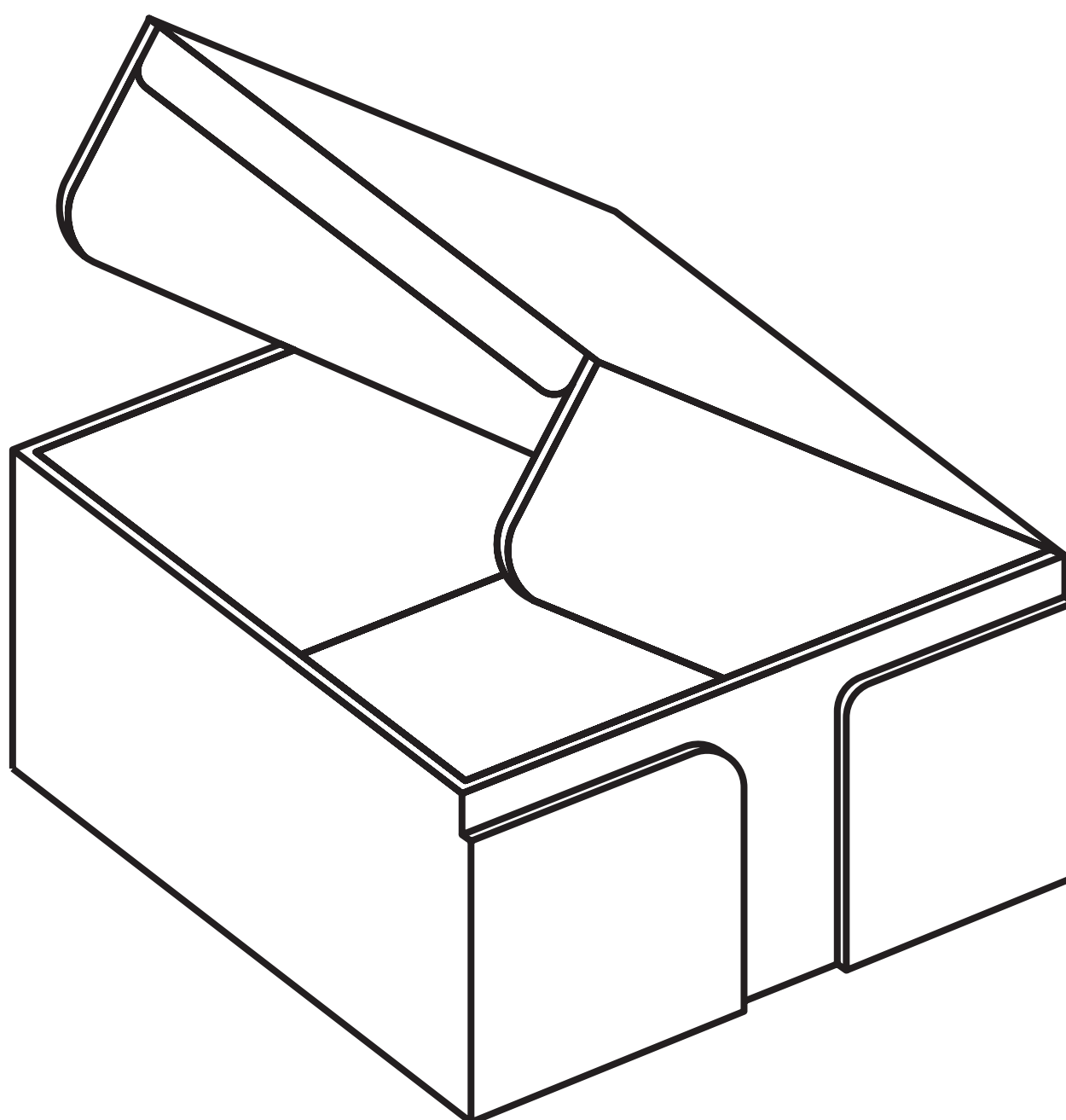
FIGURE 16

Cross sectional view



Question 8

FIGURE 17



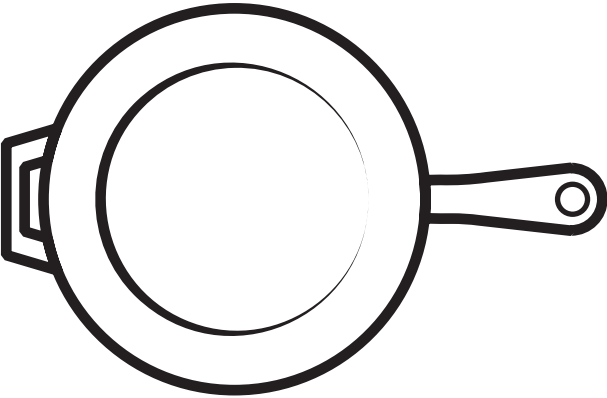
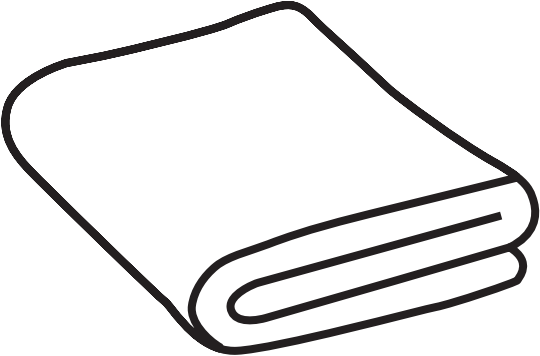
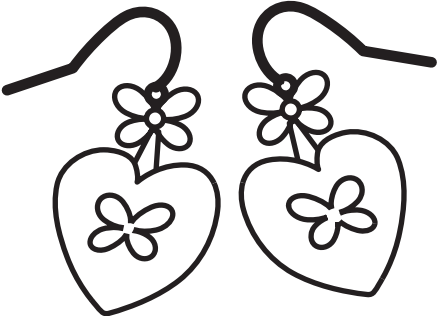

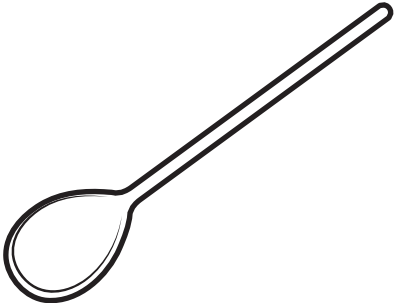
Question 8(d)

FIGURE 18

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

Question 1(a)

FIGURE 1

Picture of product	Material and product	Property
	Cast iron frying pan	Hard
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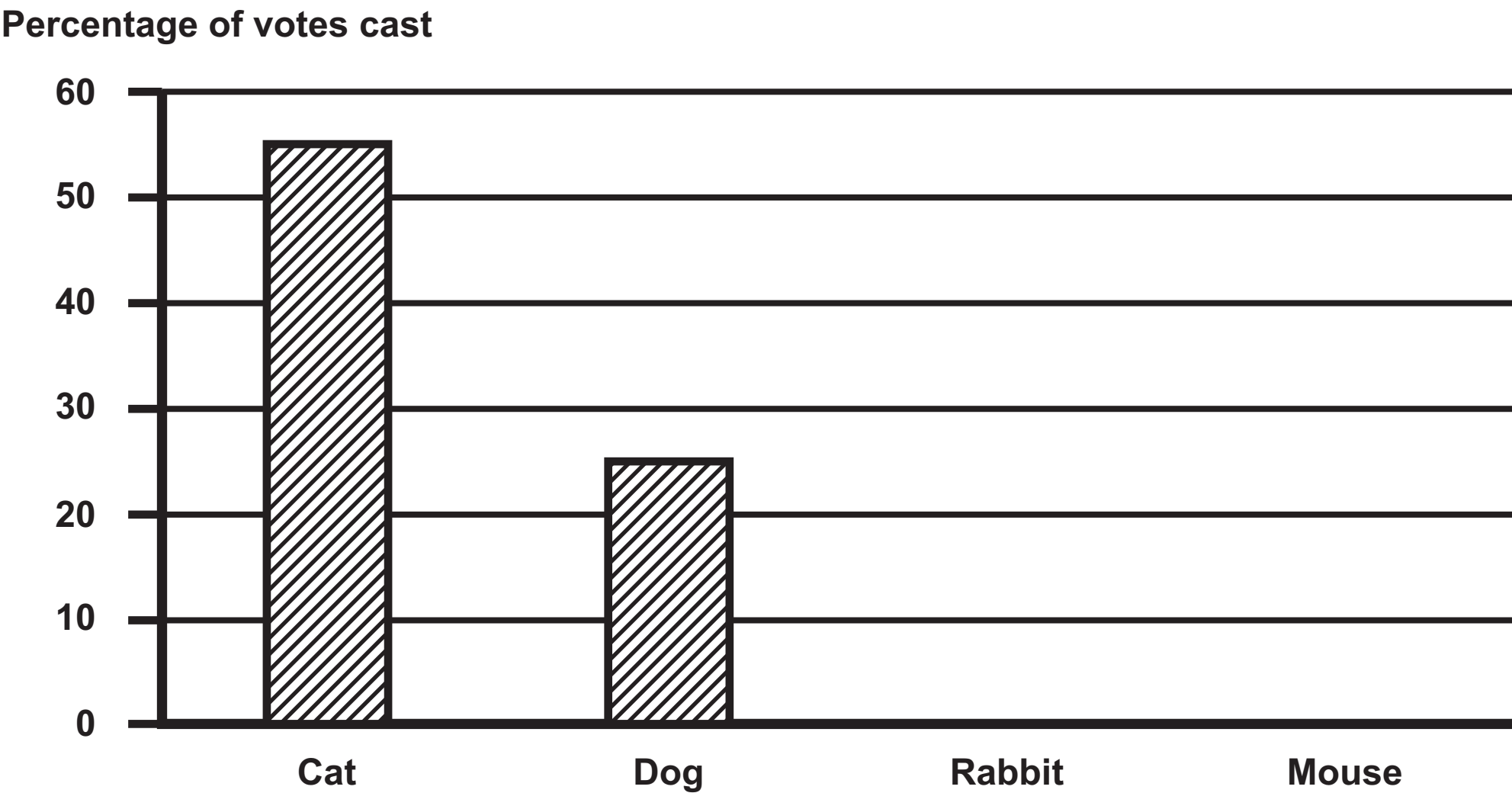
Question 2(d)(i)

FIGURE 3

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

Question 2(d)(ii)

FIGURE 4



Question 5(a) – Outline