

Paper Reference(s) 1DT0/1B
Pearson Edexcel Level 1/Level 2 GCSE (9–1)

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

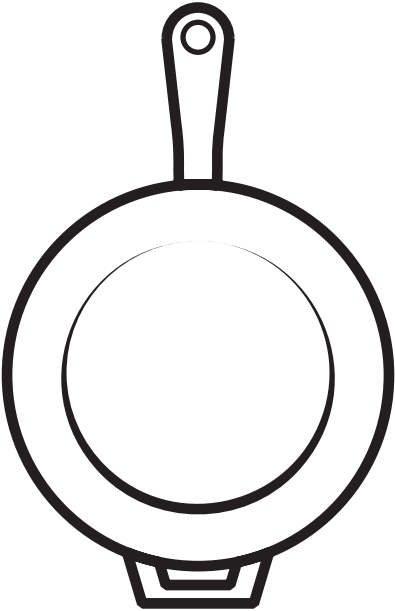
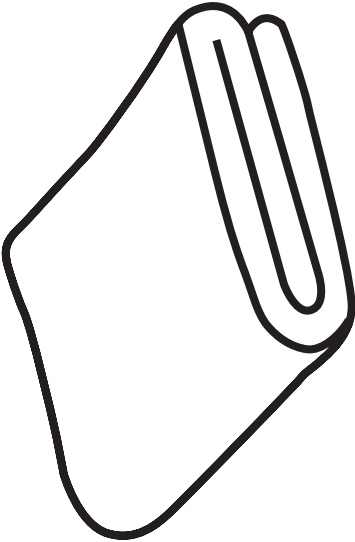
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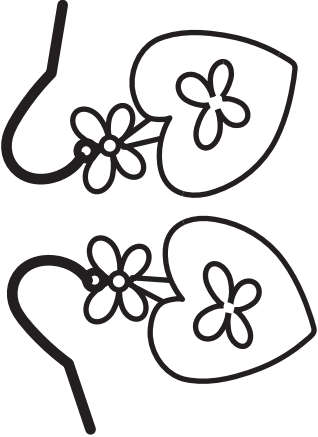
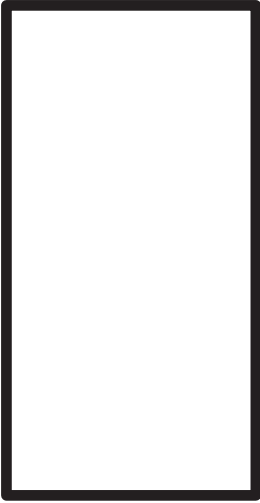
30 Question 2(d)(ii)

31 Question 5(a) – Outline

FIGURE 1

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

1(a) continued.

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

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Turn over

1(a) continued.

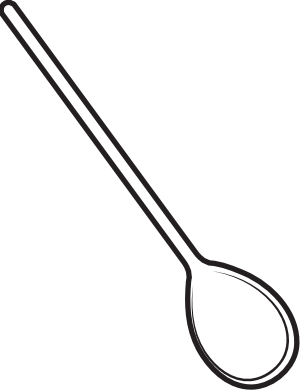
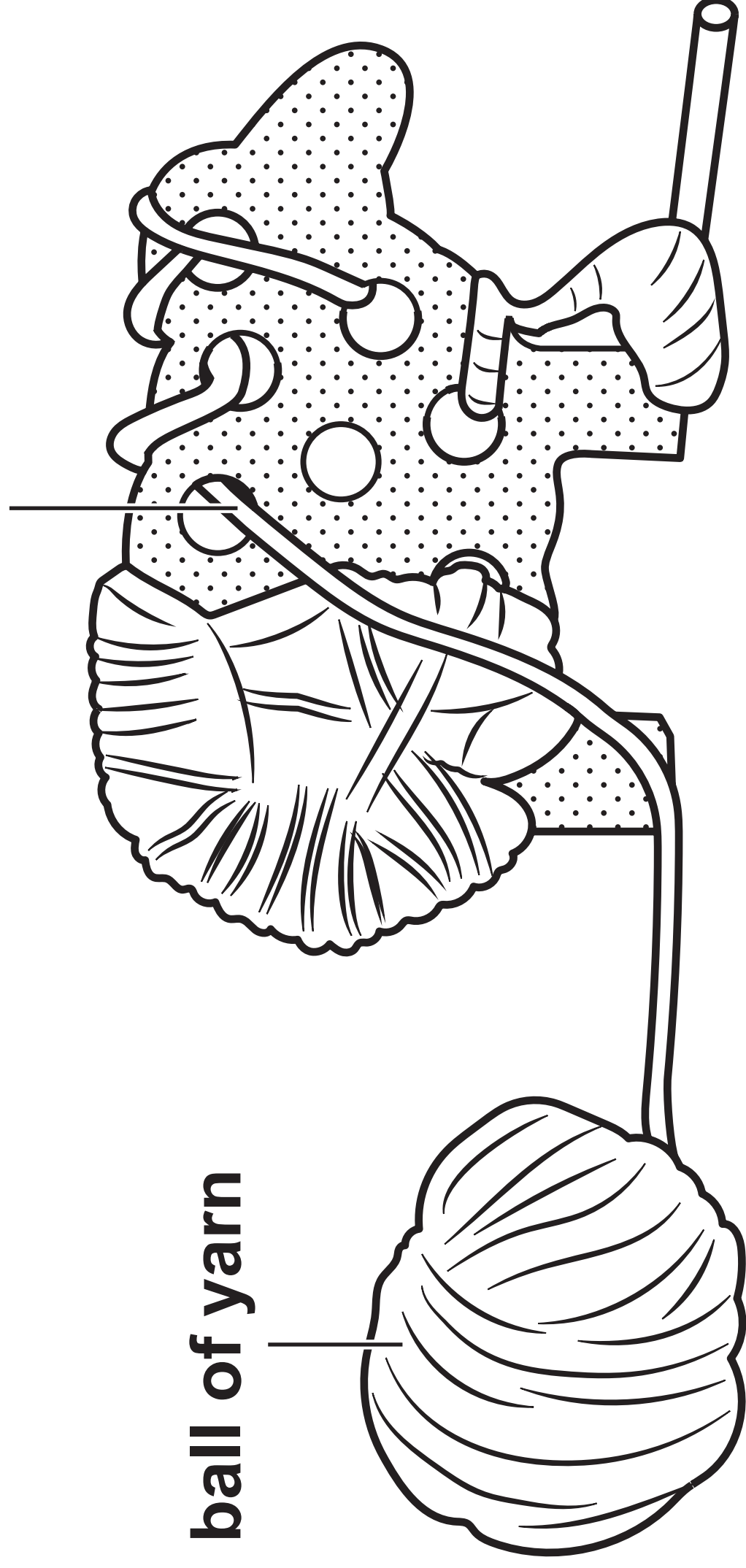
Picture of product	Material and product	Property
	Beech cooking spoon	(iv) _____ (1 mark)

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		15
Mouse		5
TOTAL	300	100

FIGURE 4

Percentage of votes cast

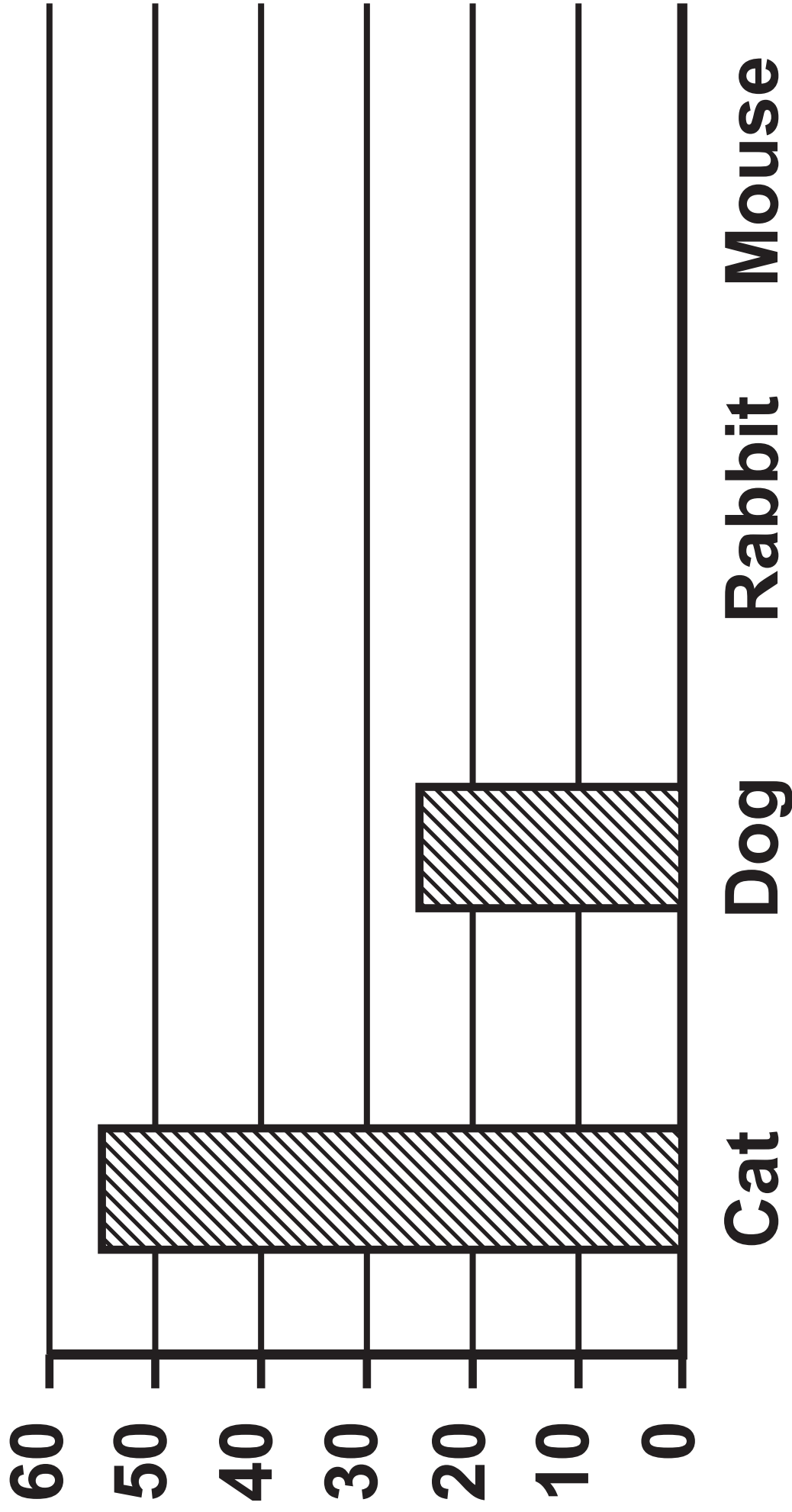


FIGURE 5

Pulley belt **Cross section of the pulley belt**

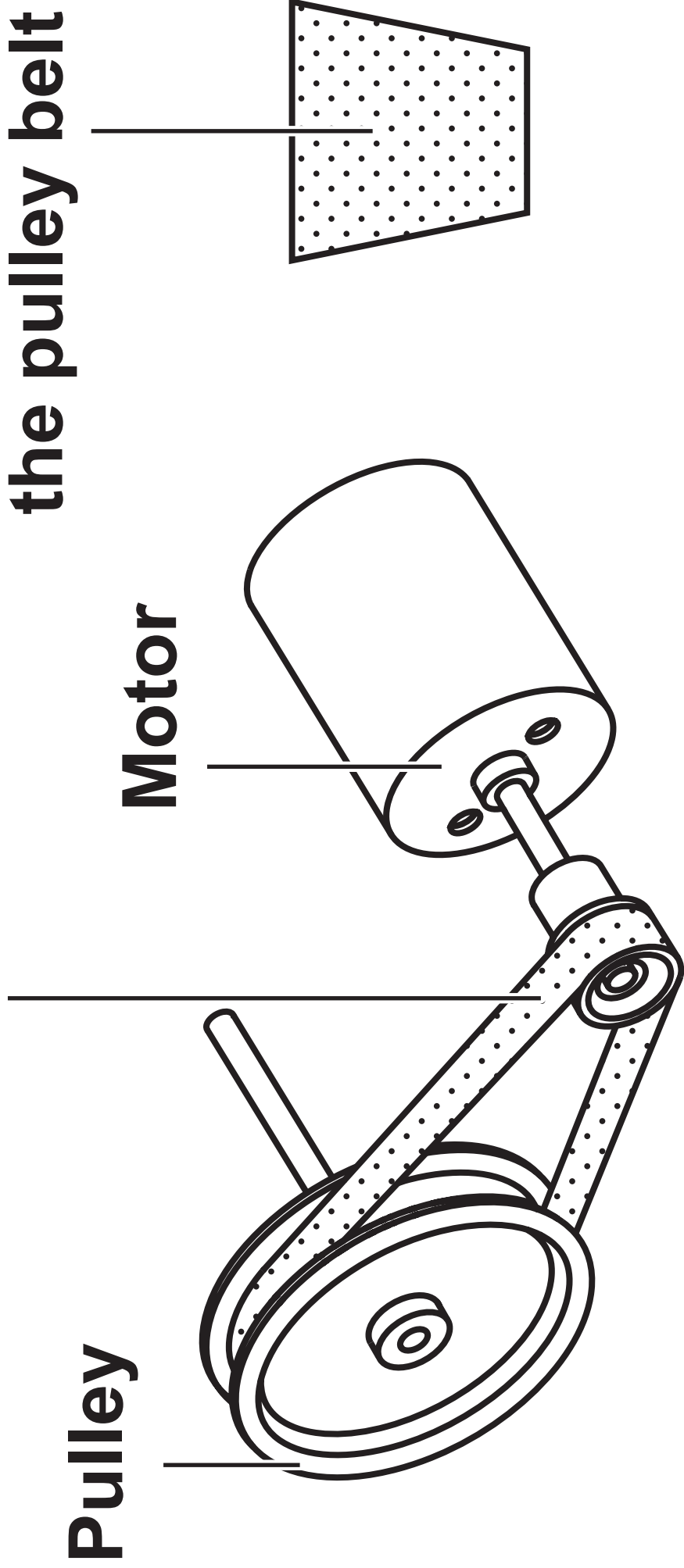
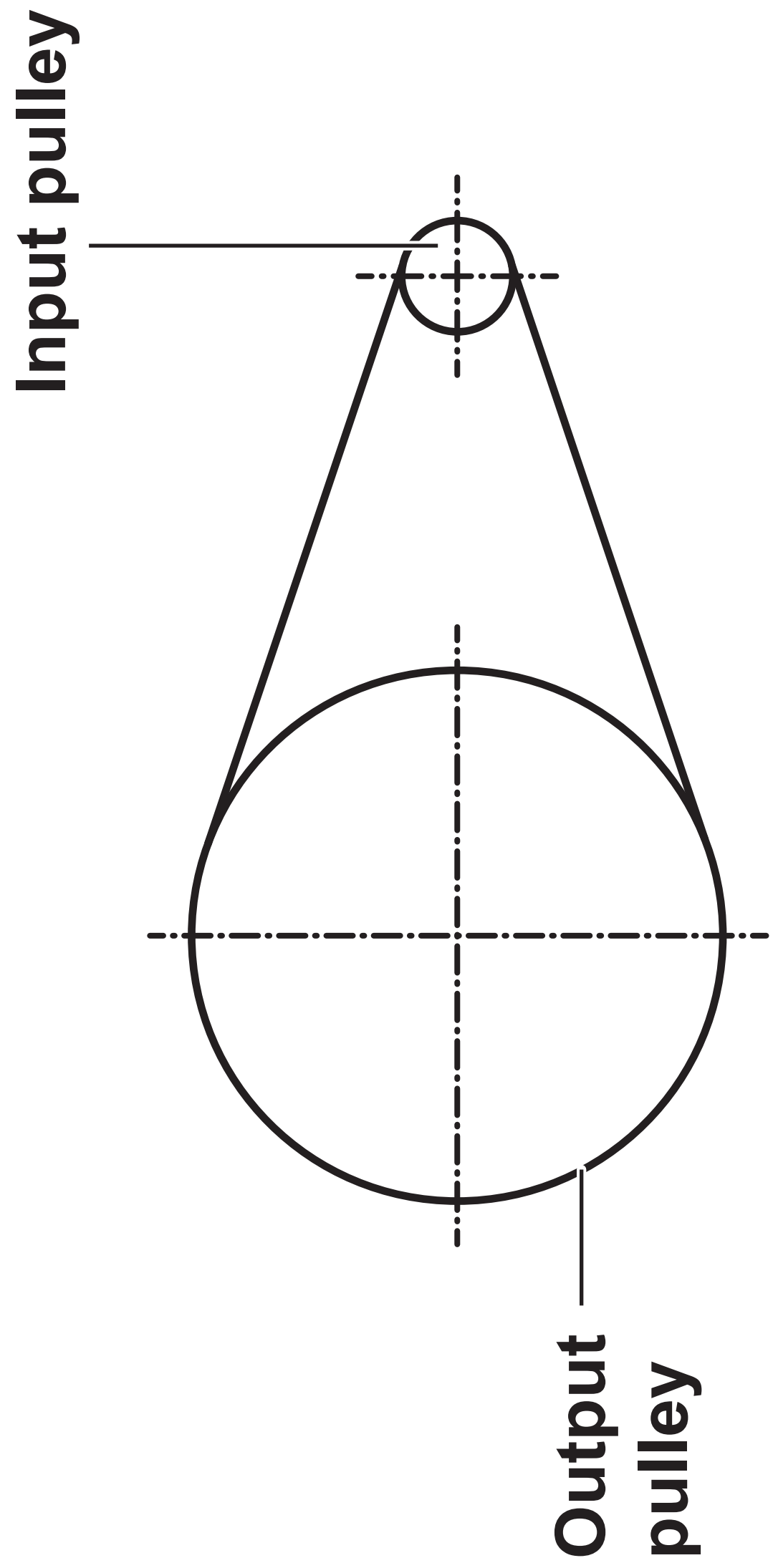
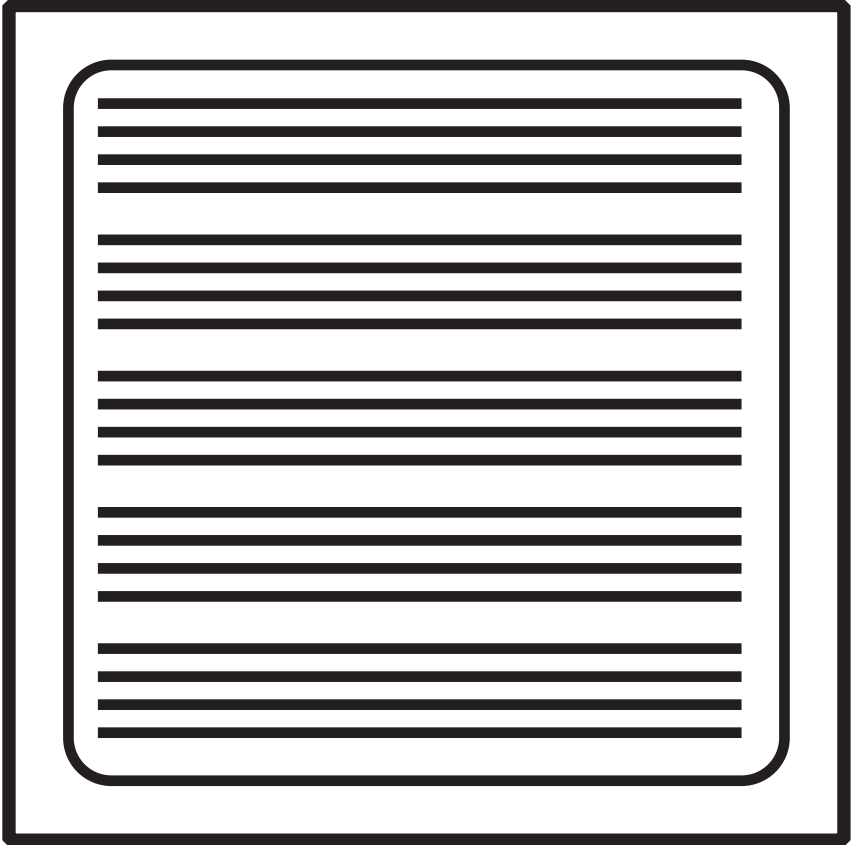


FIGURE 6



Question 3(d)

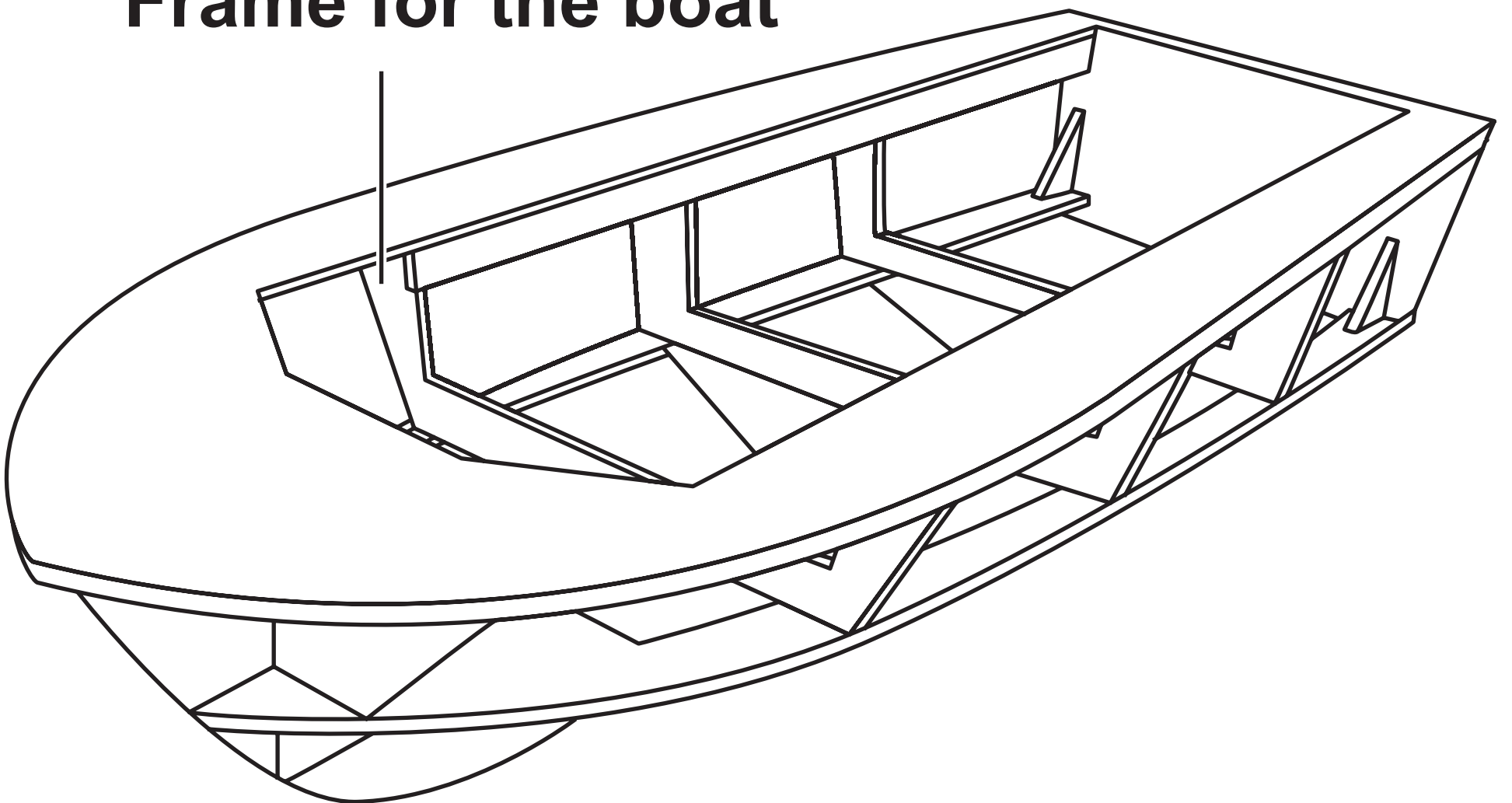
FIGURE 7



Question 3(e)

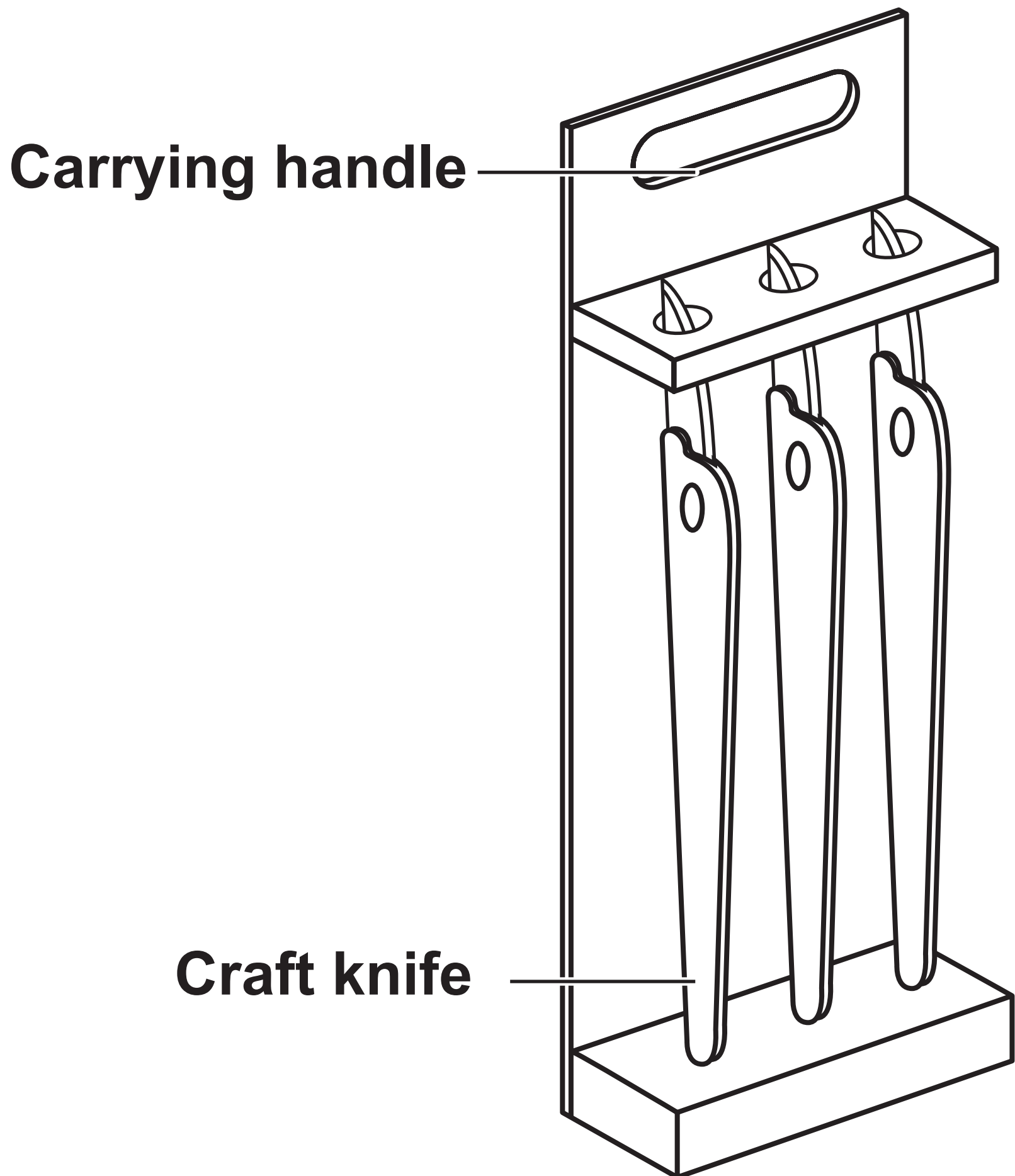
FIGURE 8

Frame for the boat



Question 5

FIGURE 9



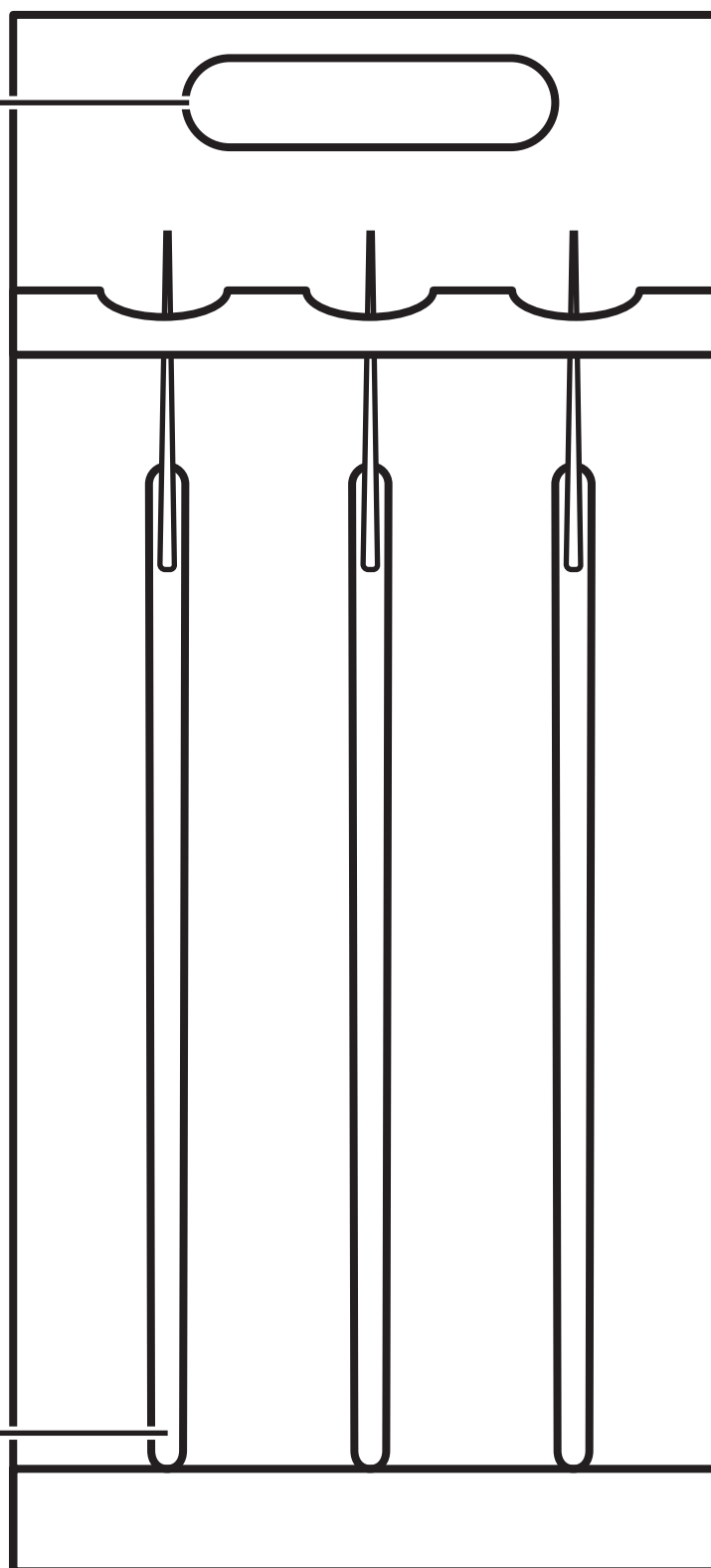
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FIGURE 9 – FRONT VIEW

Carrying handle

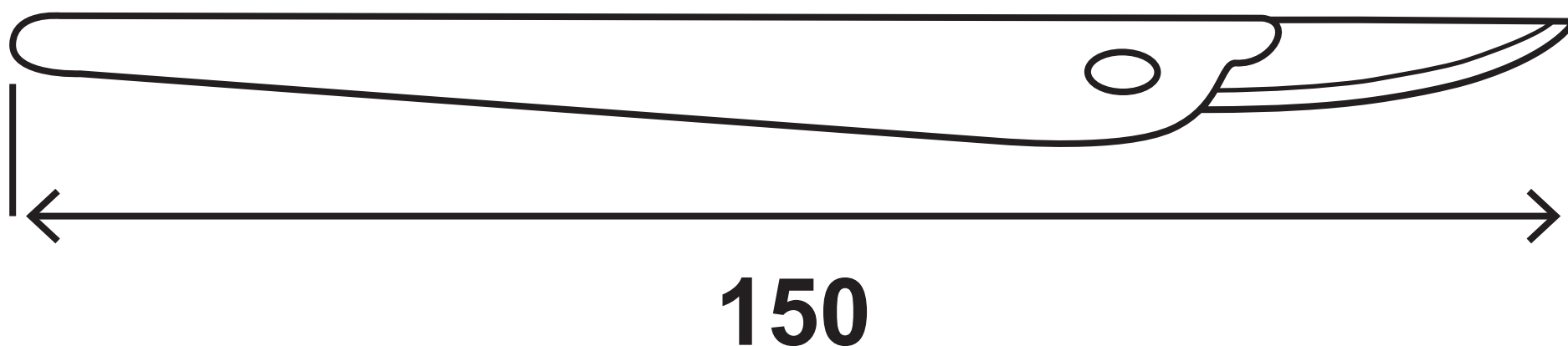
Craft knife



Additional information – dimensions of craft knives

All dimensions in mm

Diagram not to scale



Question 5(a) – Outline

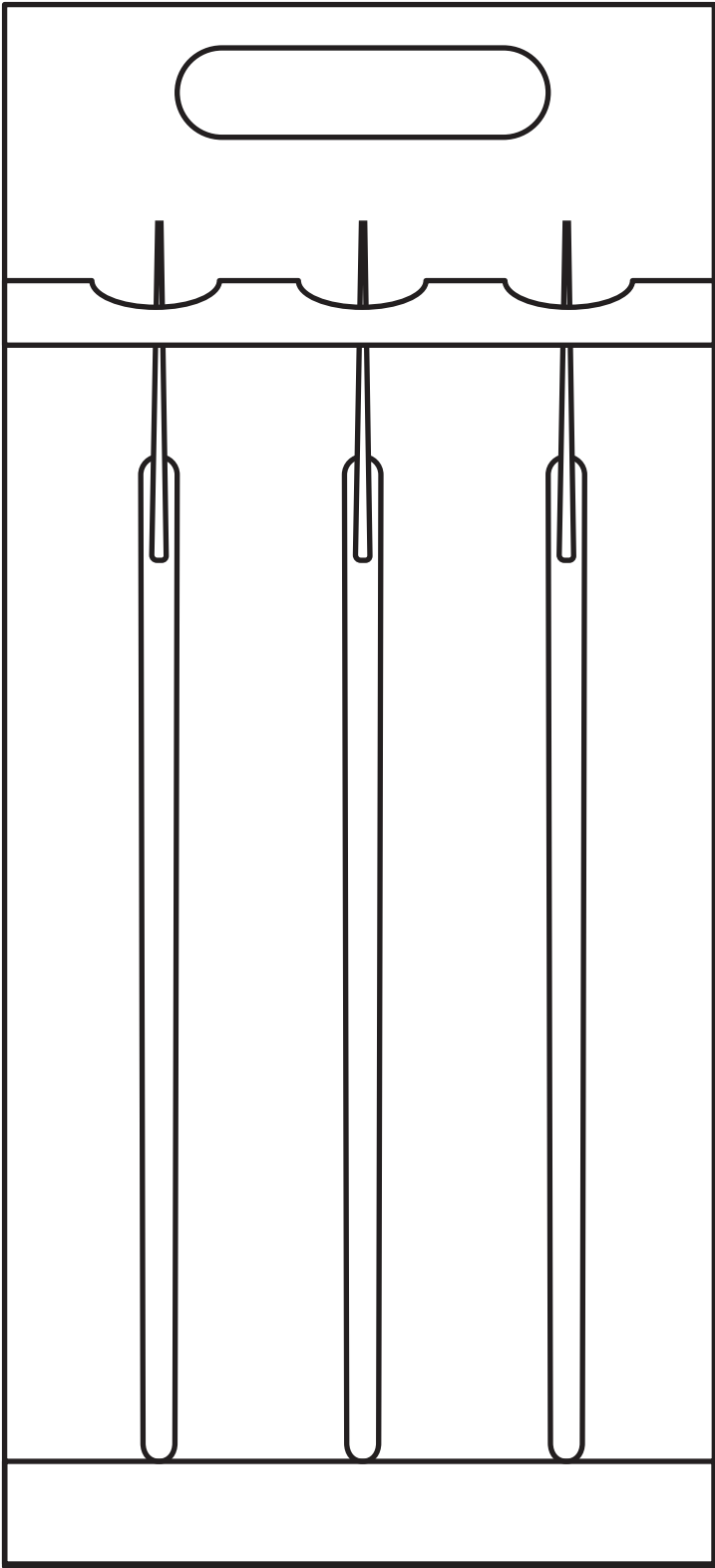


FIGURE 10

Cards with fruit images

Cards with vegetable images

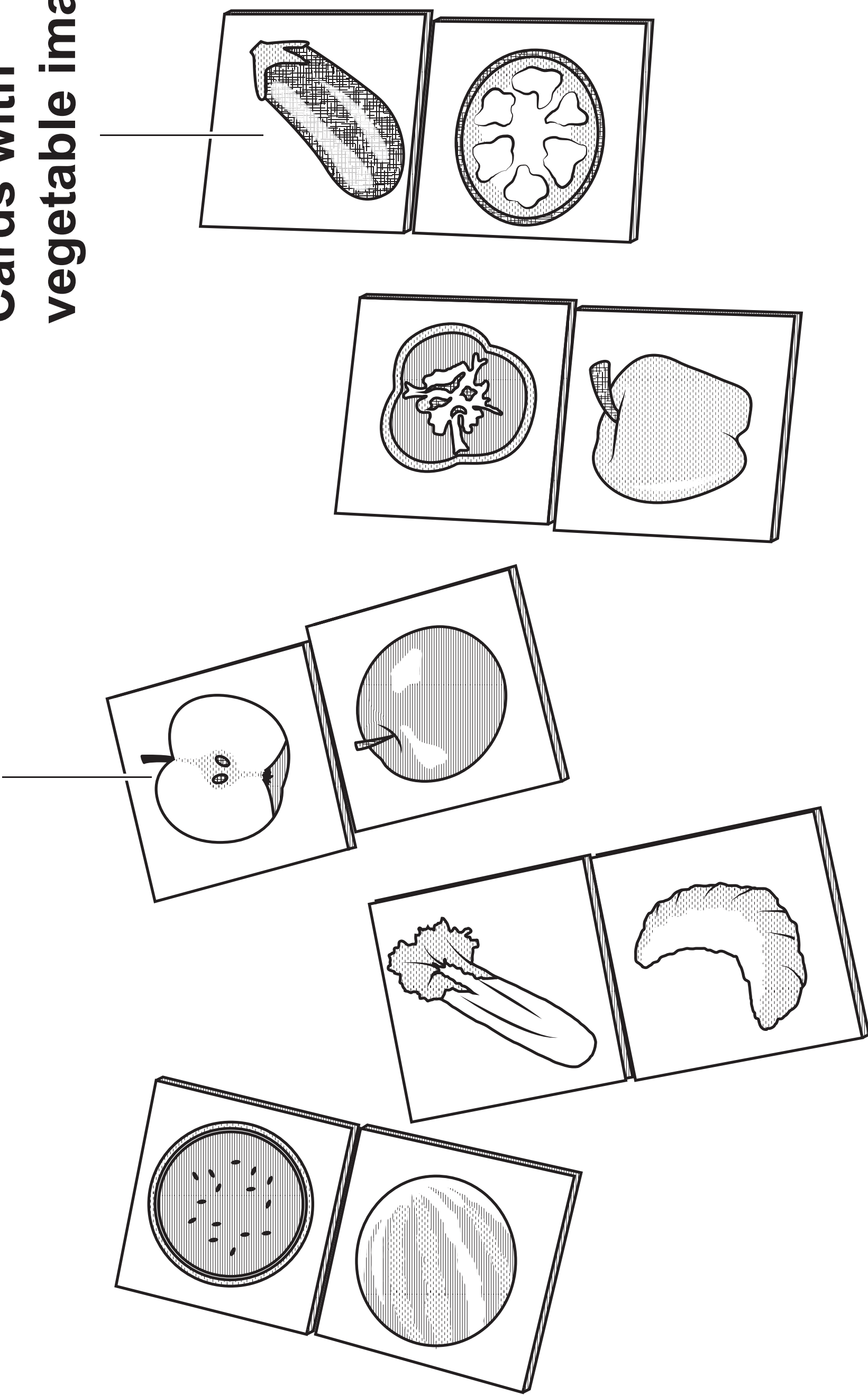
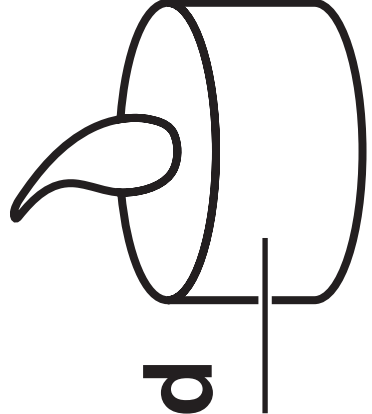


FIGURE 11

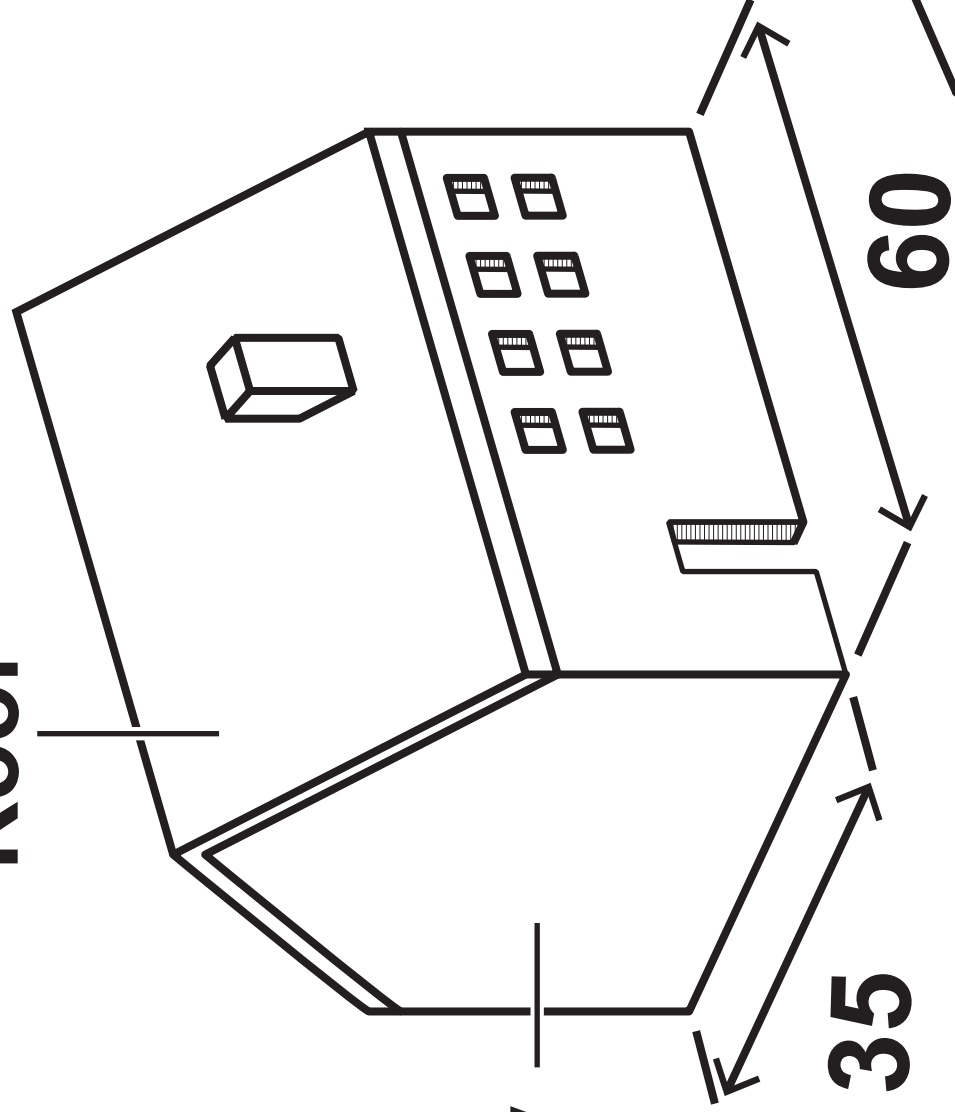
All dimensions in mm
Diagram not to scale

Battery-powered
candle



Roof

Main body



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

Insert

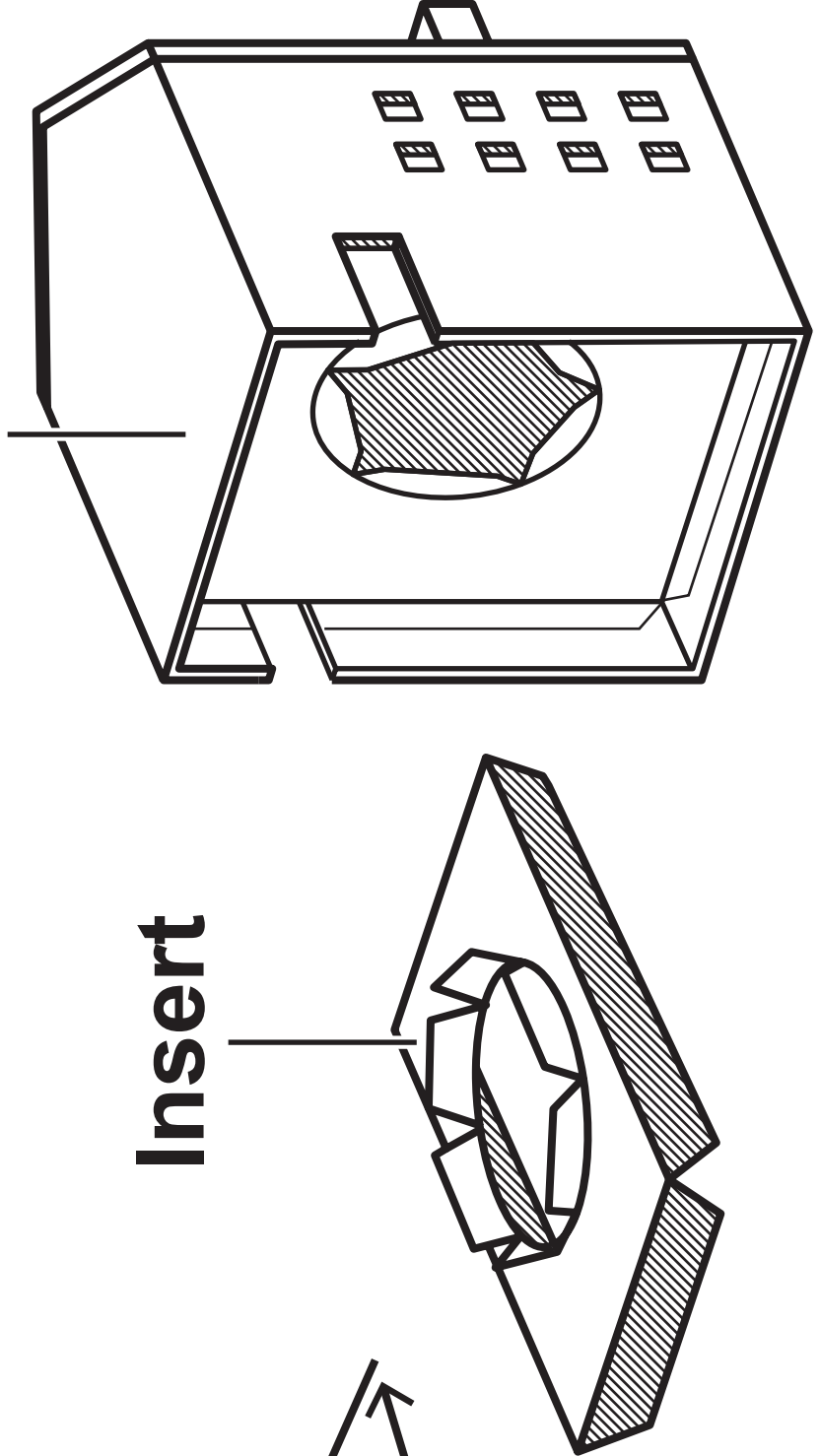
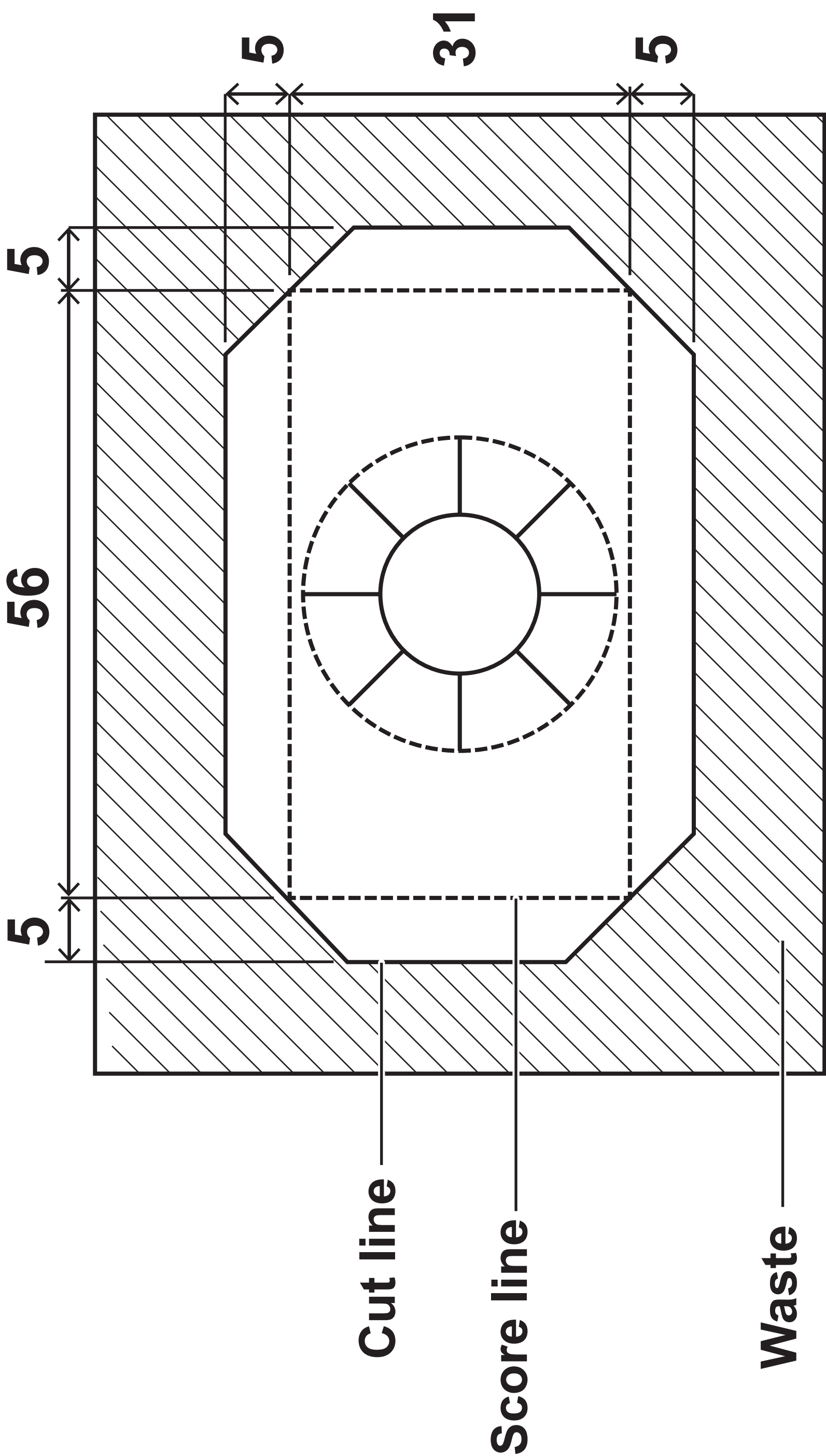


FIGURE 12

All dimensions in mm
Diagram not to scale



Question 6(d)

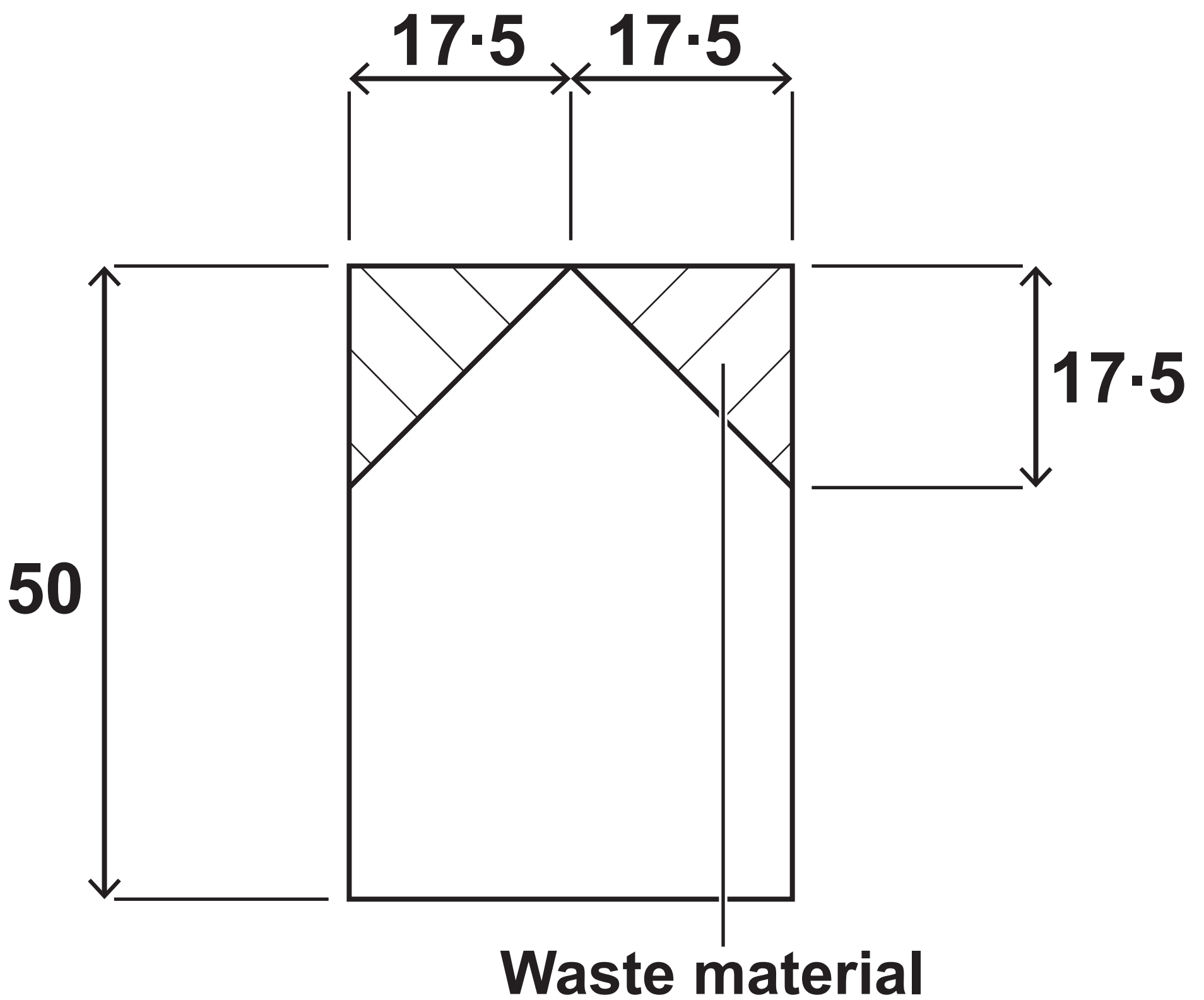
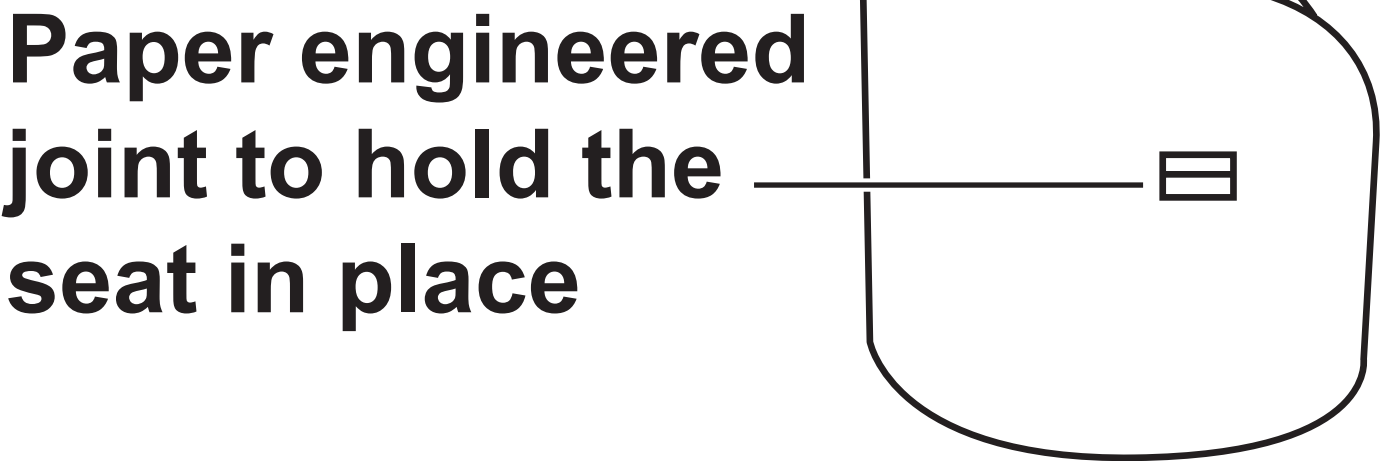
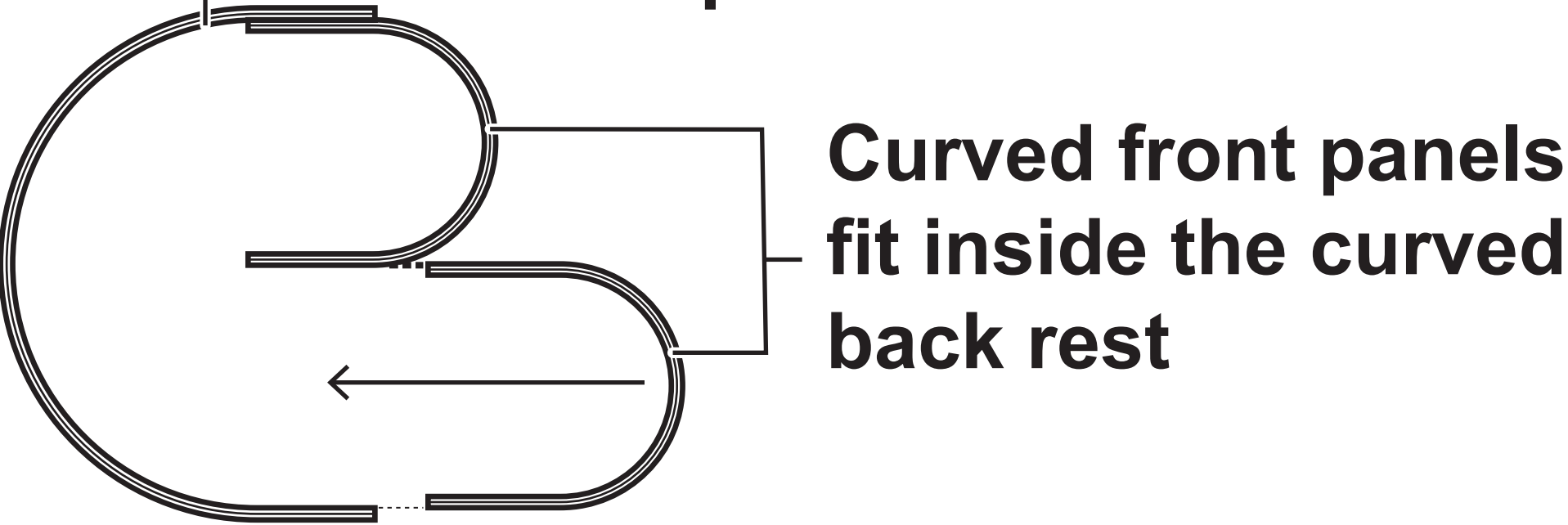
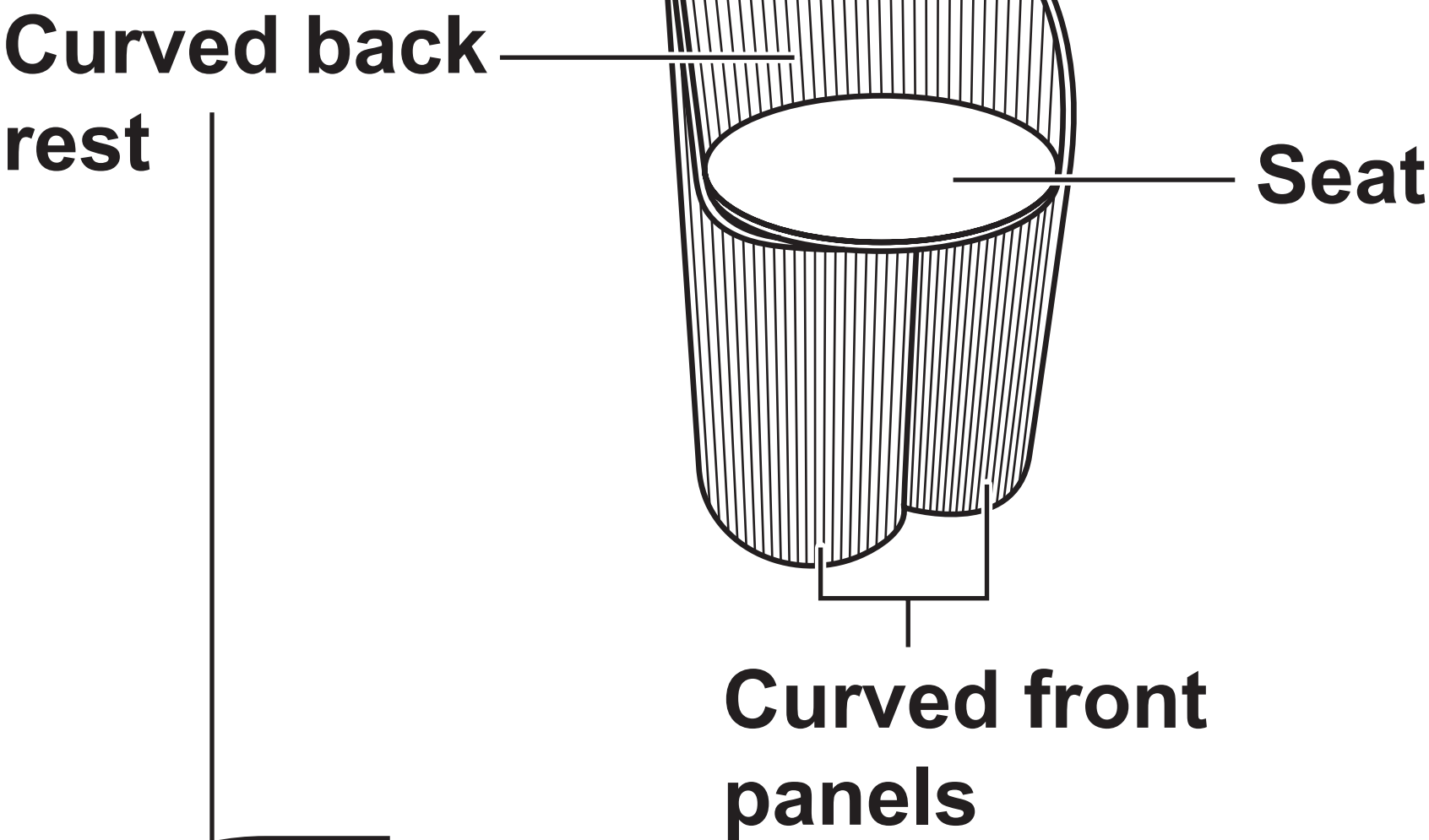
FIGURE 13**All dimensions in mm****Diagram not to scale**

FIGURE 14



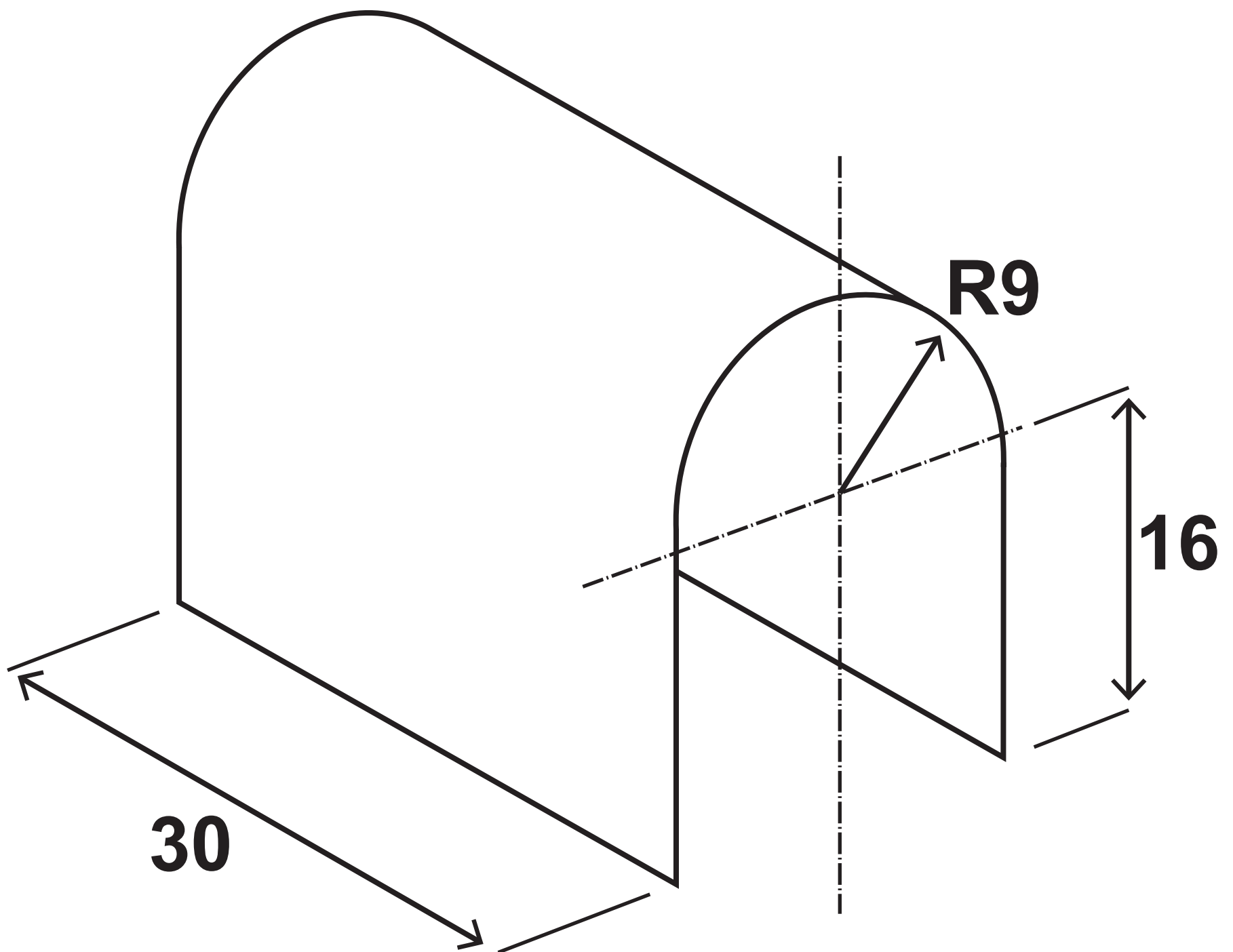
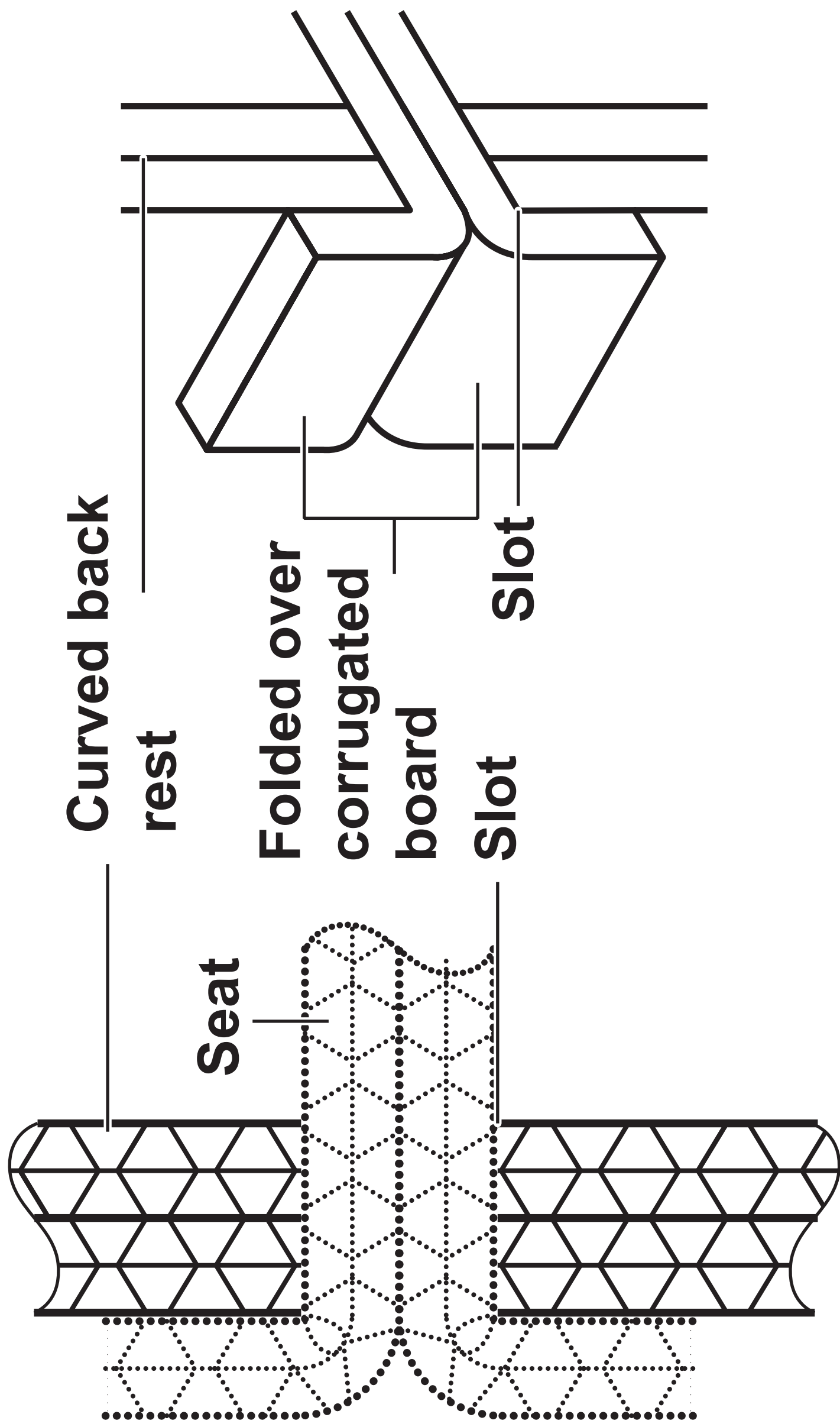
Question 7(c)**FIGURE 15****All dimensions in cm****Diagram not to scale**

FIGURE 16

Cross sectional view



Question 8

FIGURE 17

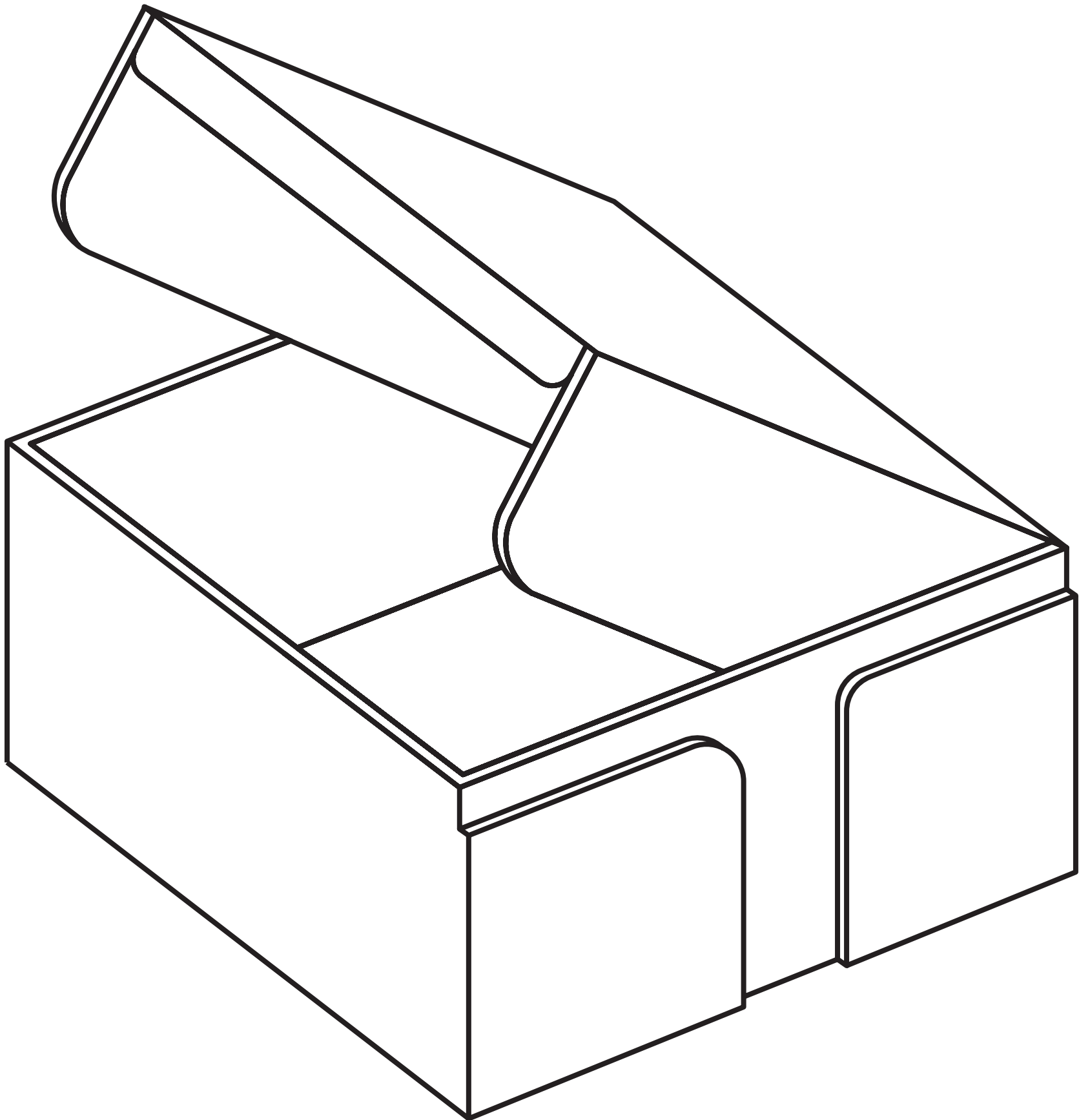
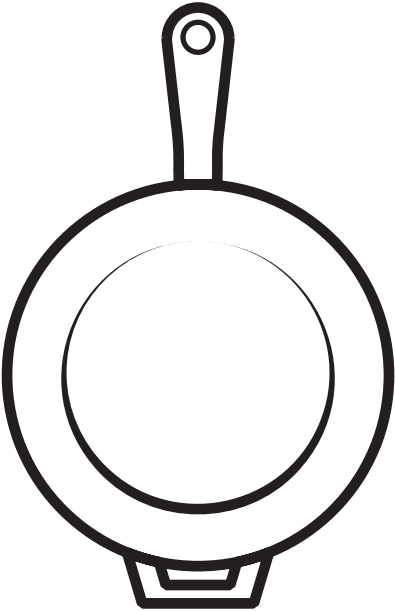
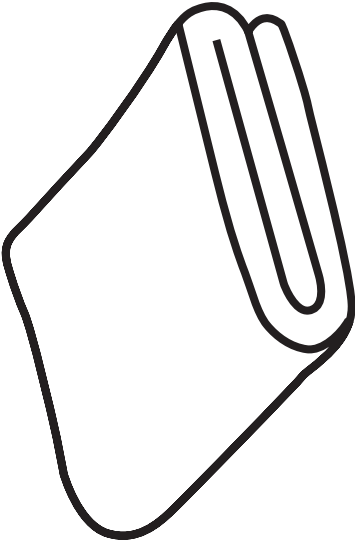


FIGURE 18

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

Question 1(a)

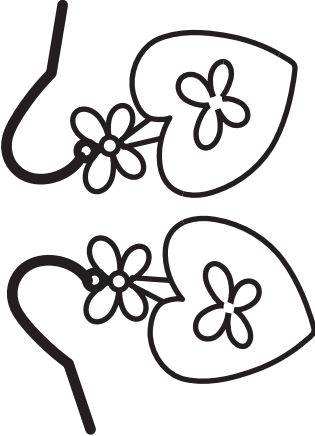
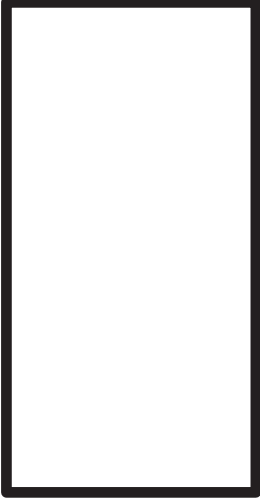
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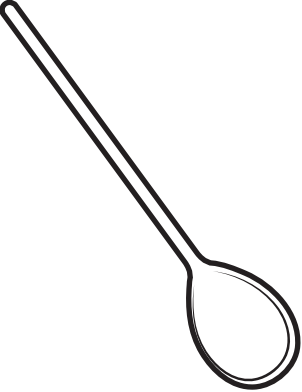
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Turn over

1(a) continued.

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

1(a) continued.

Picture of product	Material and product	Property
	Beech cooking spoon	(iv) _____ (1 mark)

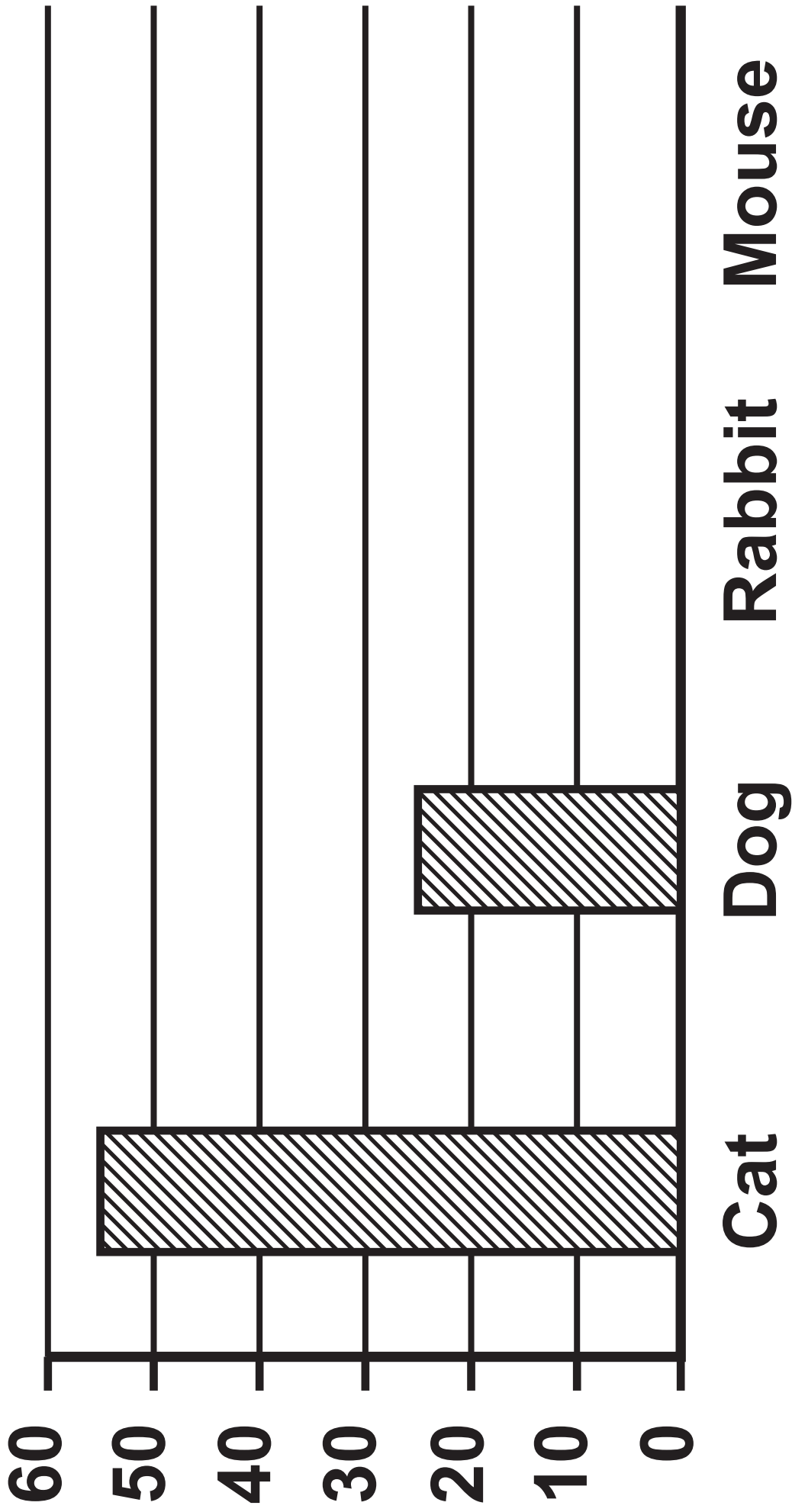
Question 2(d)(i)

FIGURE 3

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Rabbit		15
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TOTAL	300	100

FIGURE 4

Percentage of votes cast



Question 5(a) – Outline

