

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

Design and Technology
COMPONENT 1: Systems

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

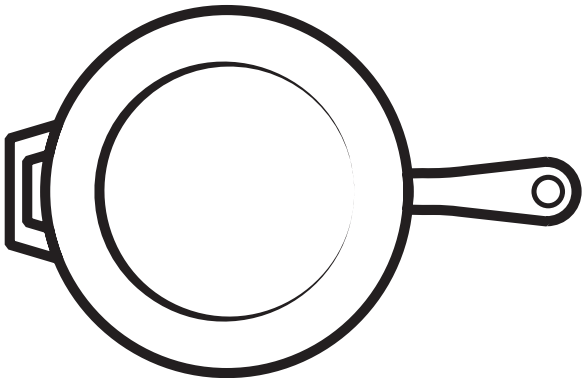
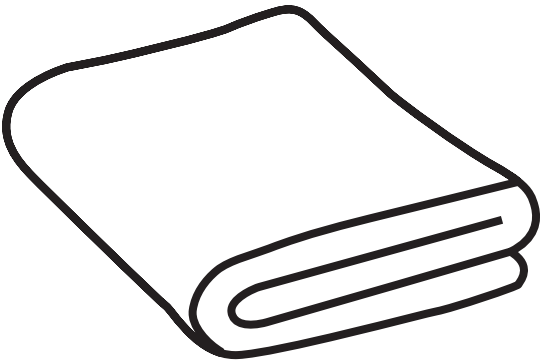
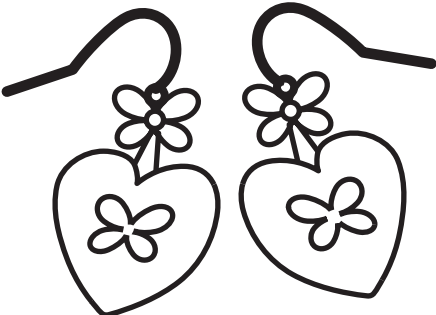
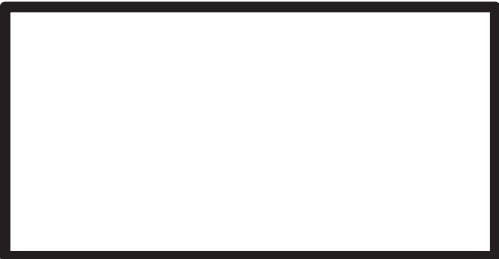
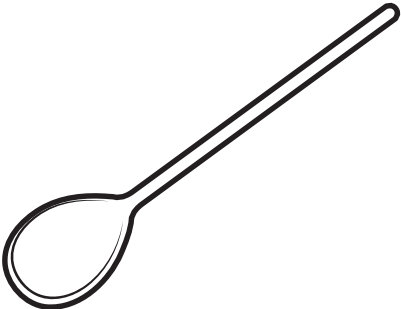
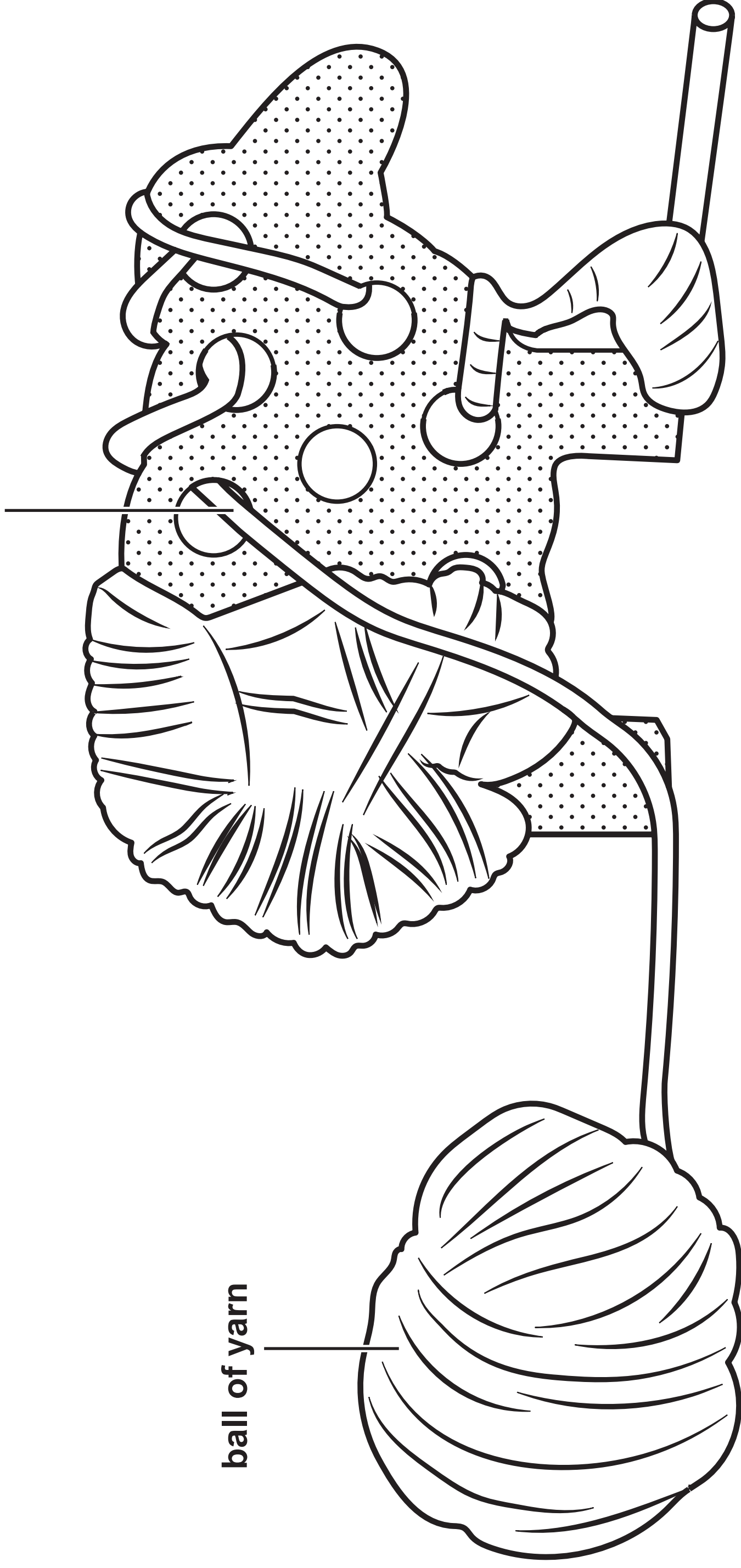
Picture of product	Material and product	Property
	Cast iron frying pan	Hard
	Cotton bath towel	(i) (1 mark)
	Polyester resin earrings	(ii) (1 mark)
	Copier paper	(iii) (1 mark)
	Beech cooking spoon	(iv) (1 mark)

FIGURE 2

yarn threaded through the toy sheep

ball of yarn



Question 2(d)

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)(i) – Blank

FIGURE 4

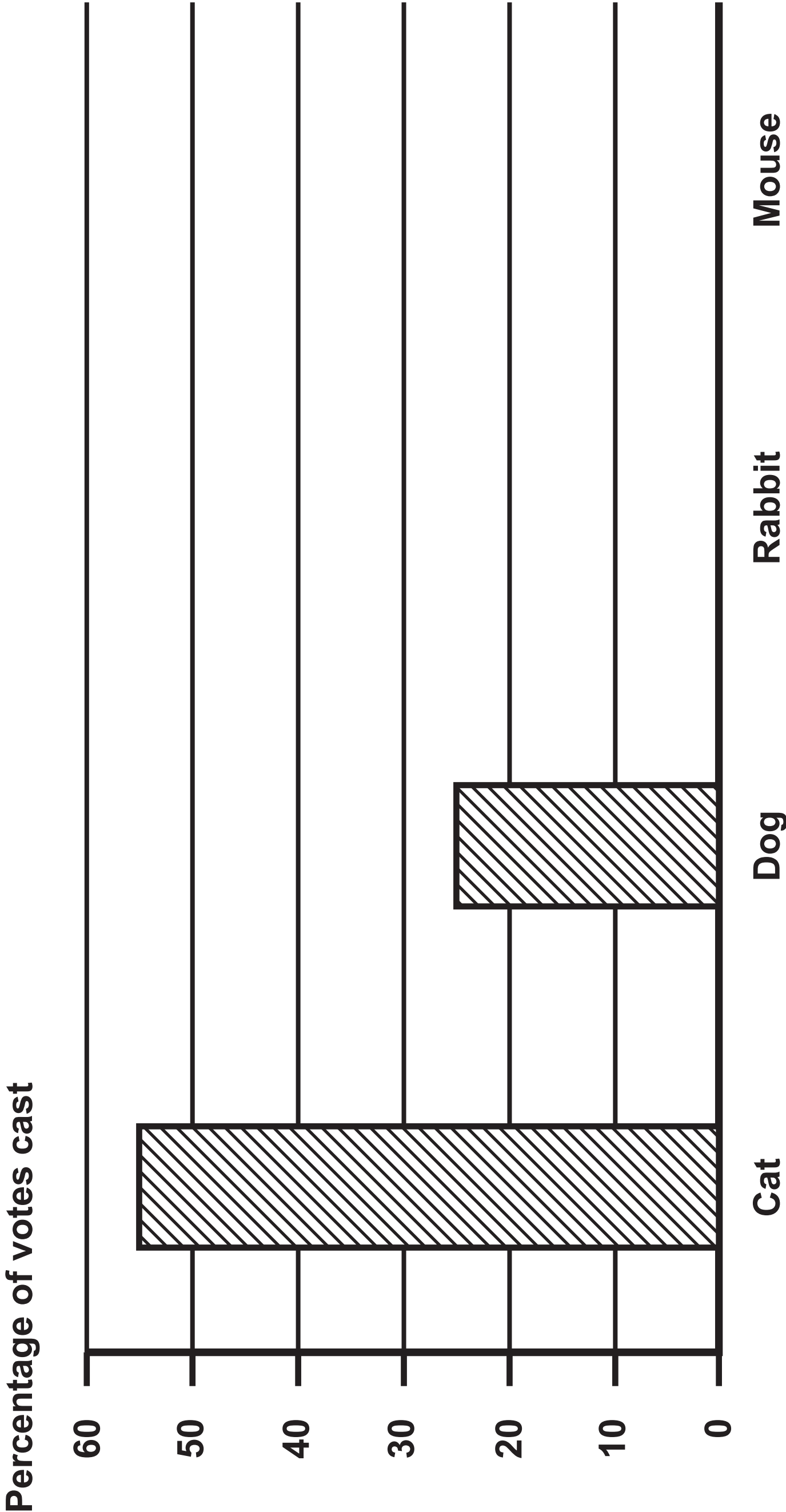


FIGURE 5

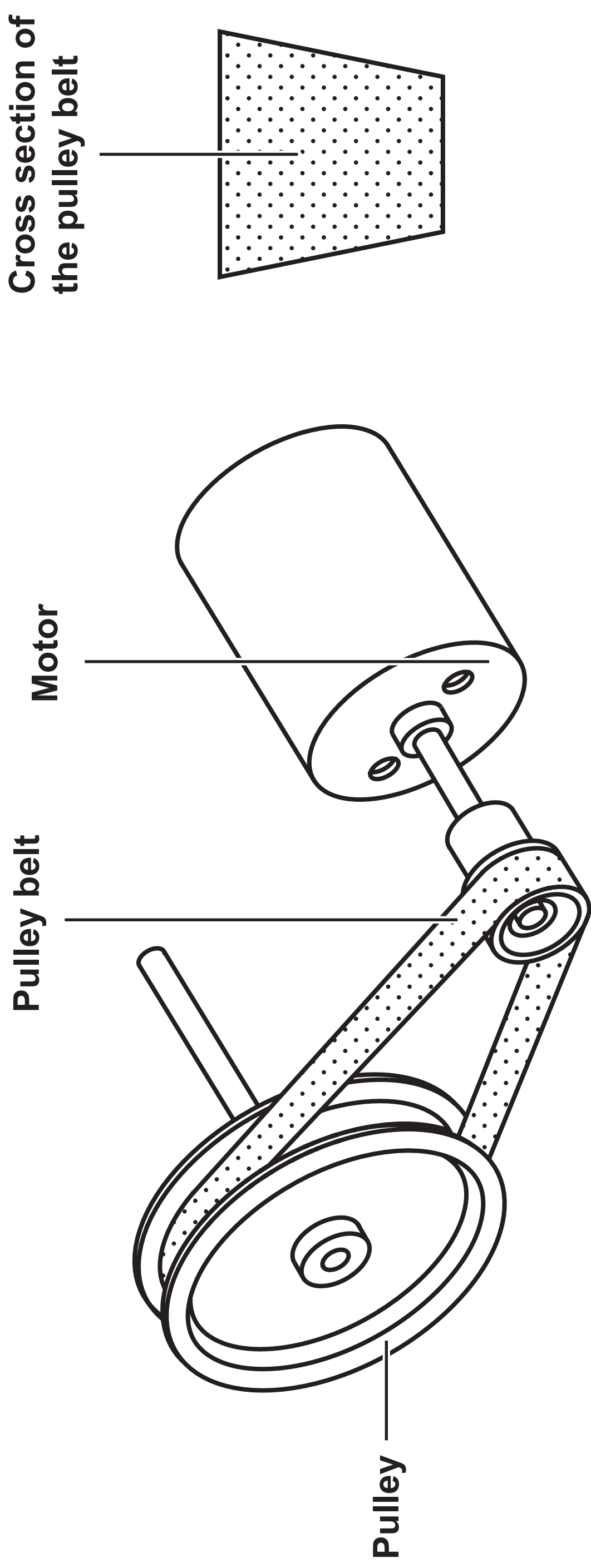
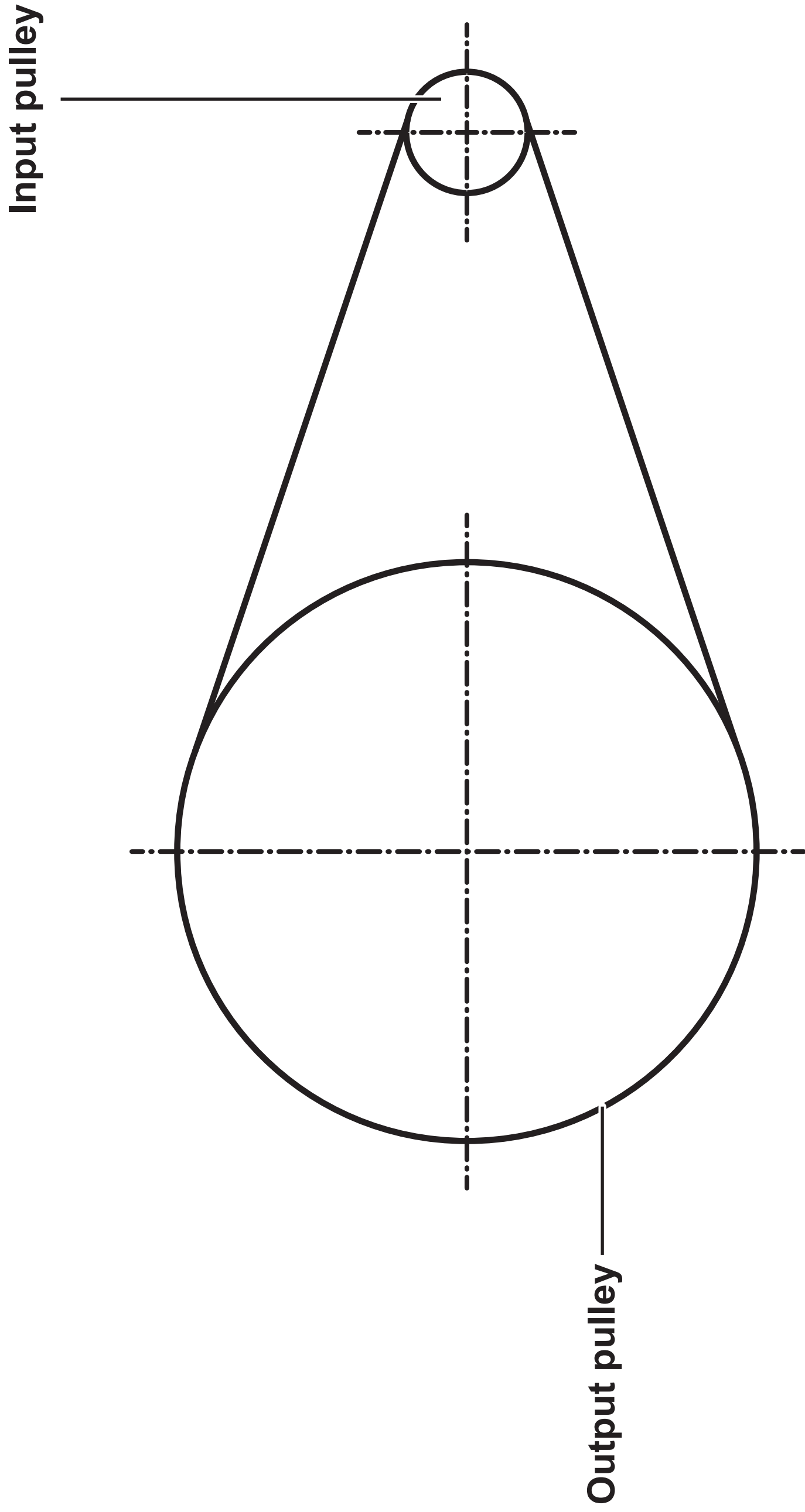
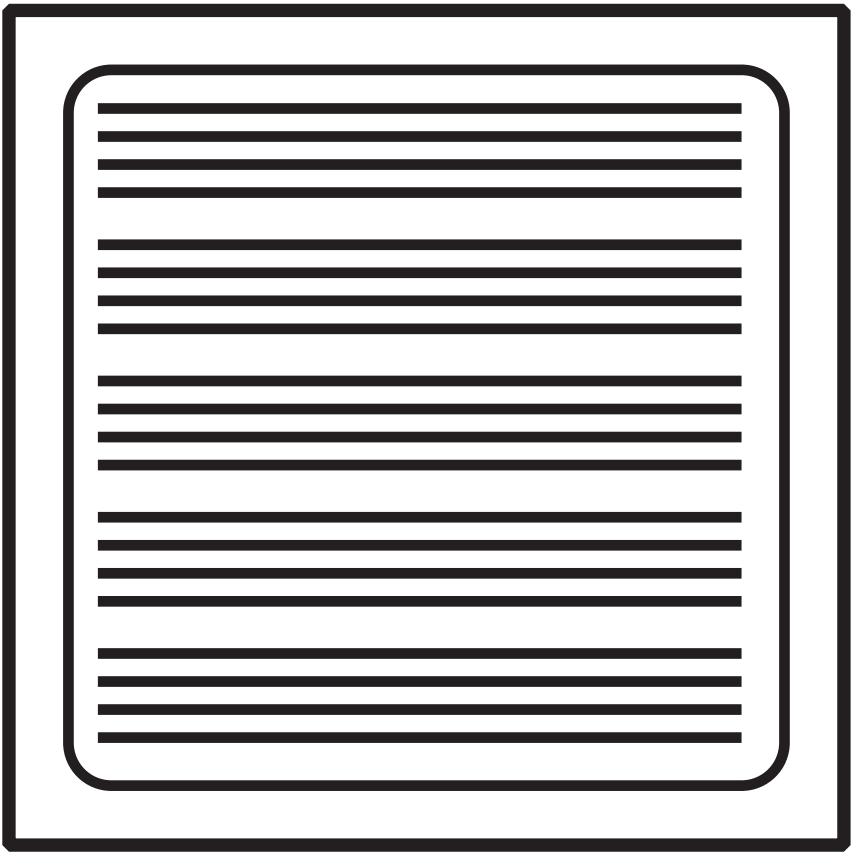


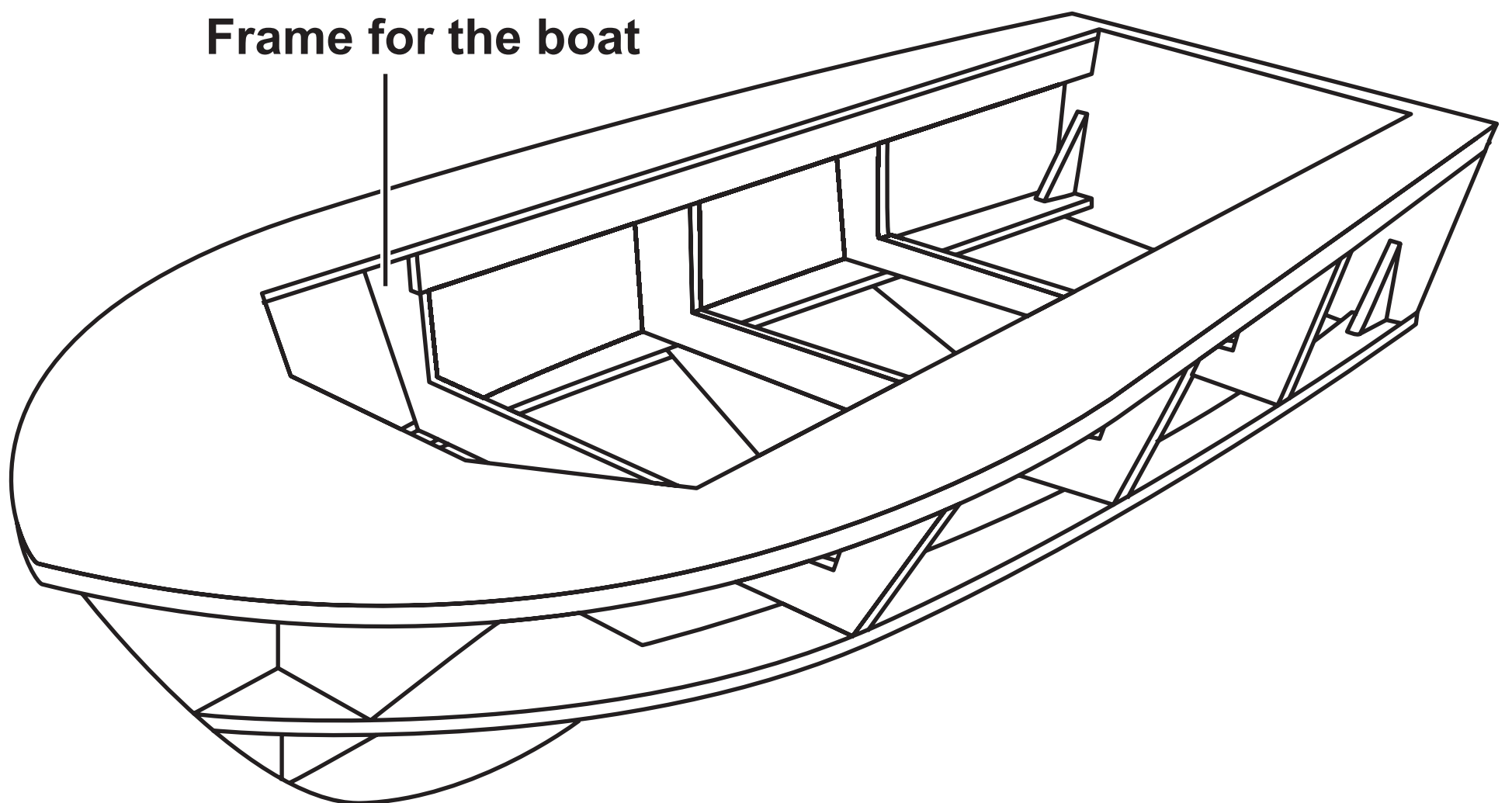
FIGURE 6



Question 3(d)

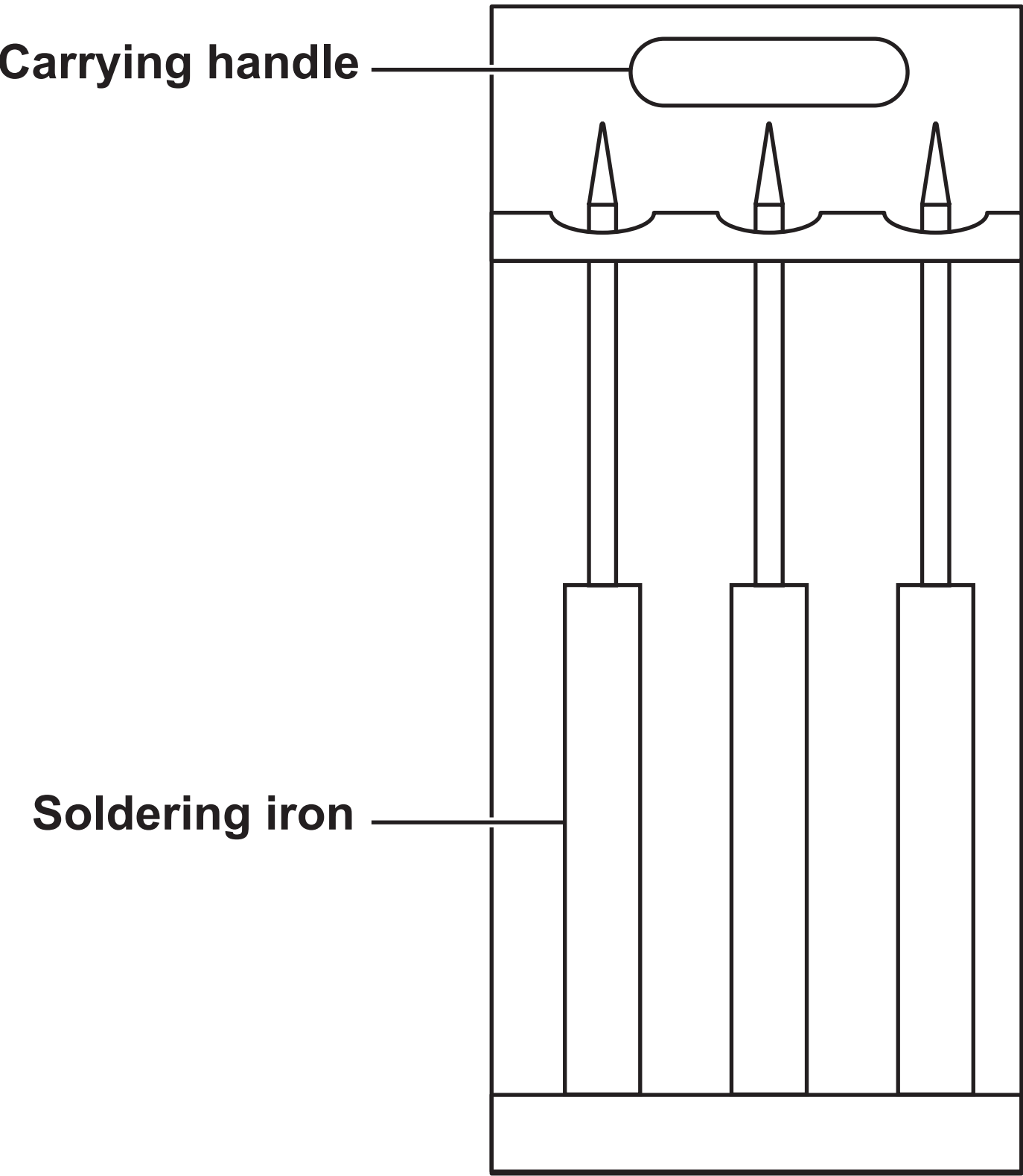
FIGURE 7



Question 3(e)**FIGURE 8**

Question 5 – not to scale

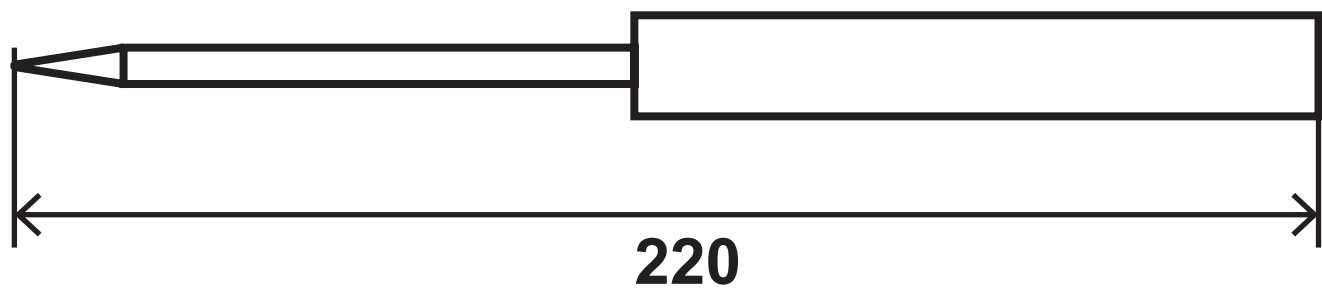
FIGURE 9



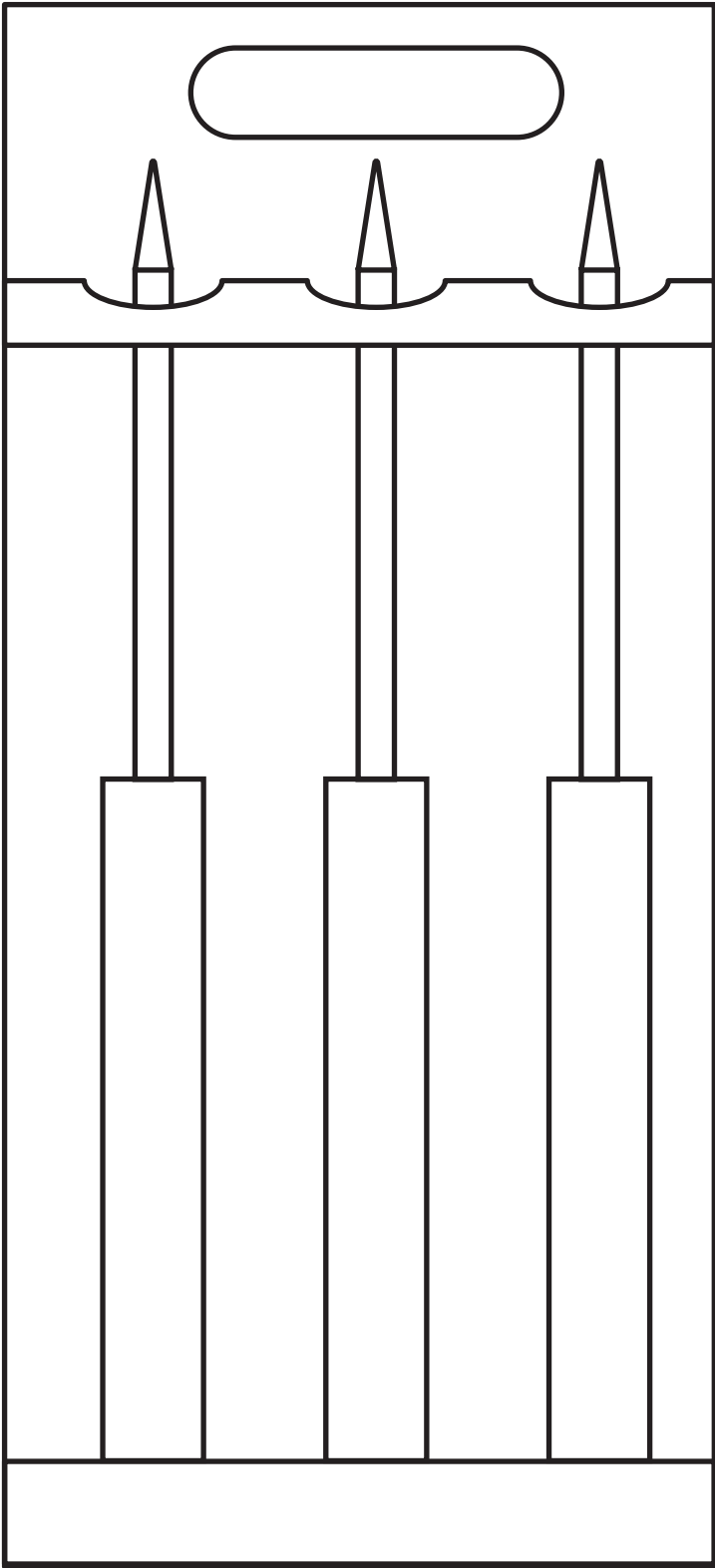
Additional information – dimensions of soldering irons

All dimensions in mm

Diagram not to scale

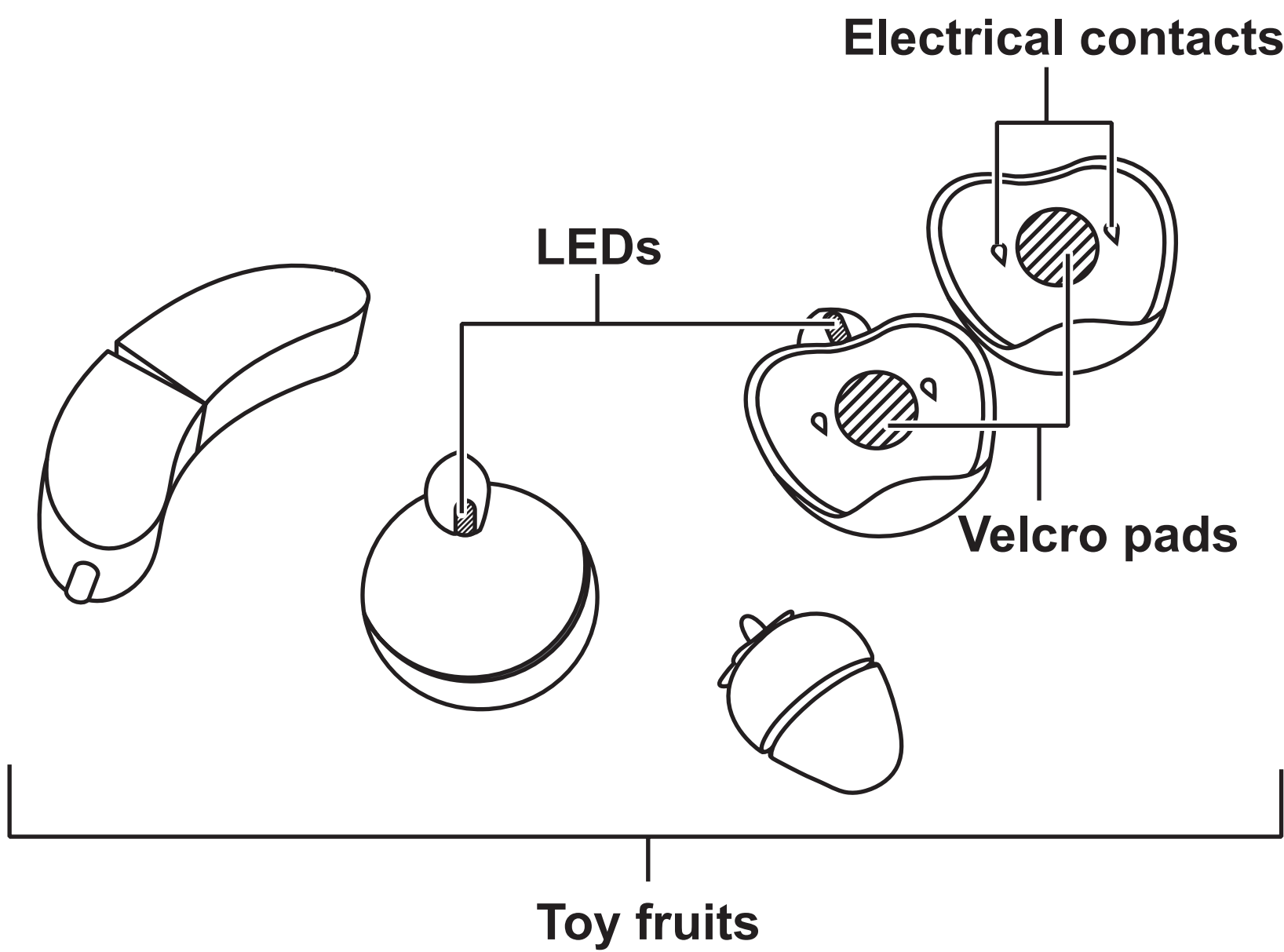


Question 5(a) – outline diagram



Question 5(b)

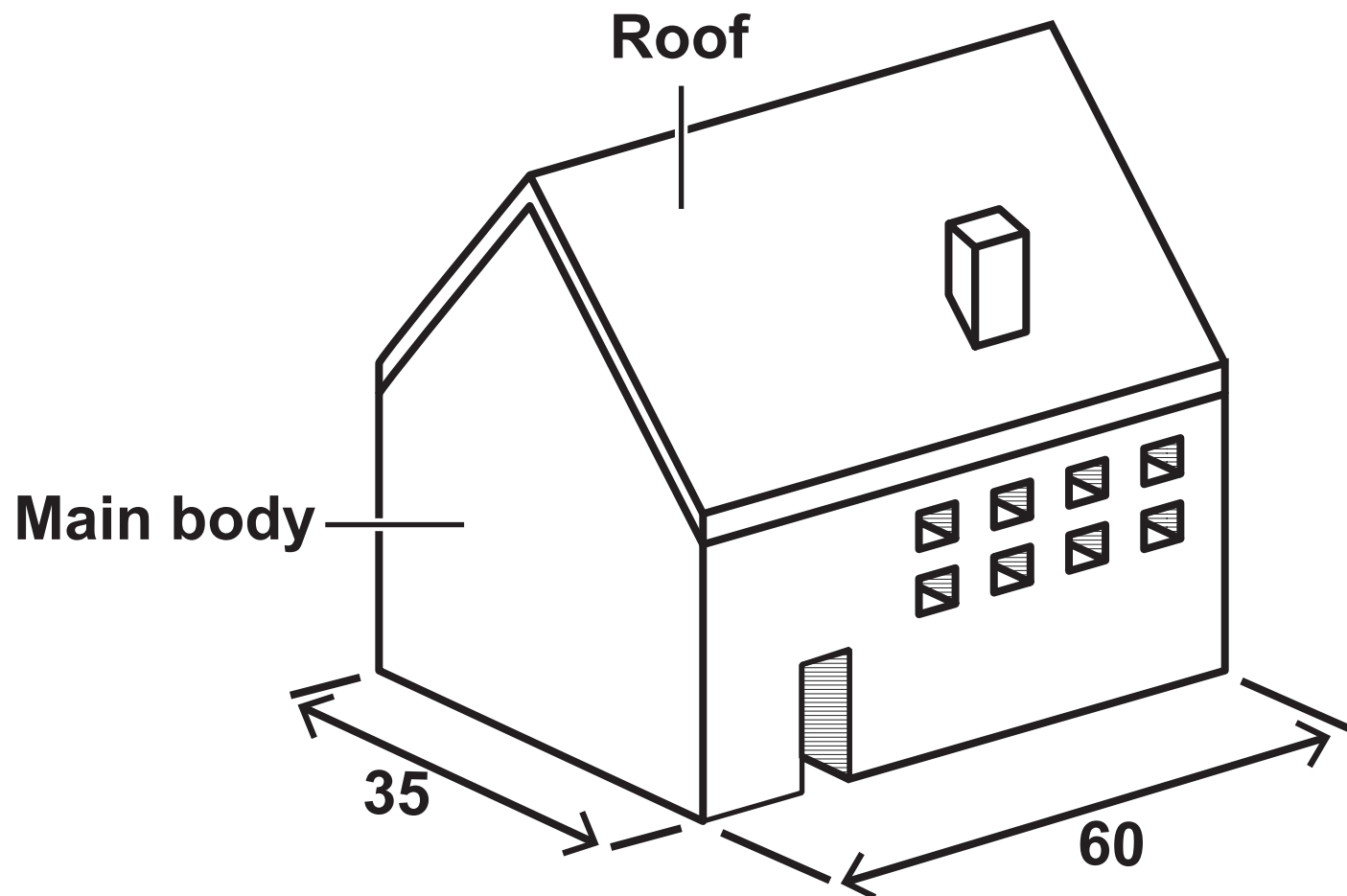
FIGURE 10



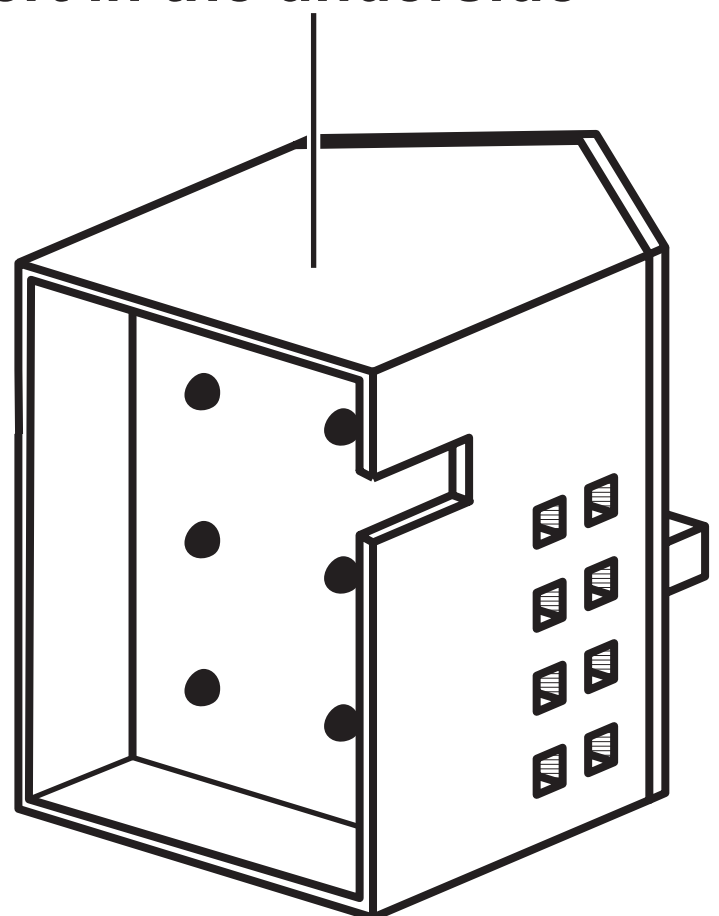
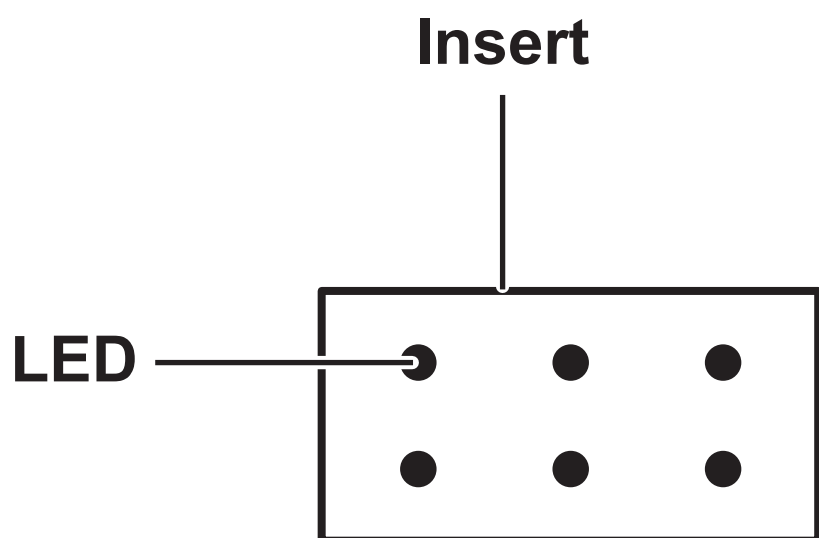
Question 6 – not to scale

All dimensions in mm

FIGURE 11



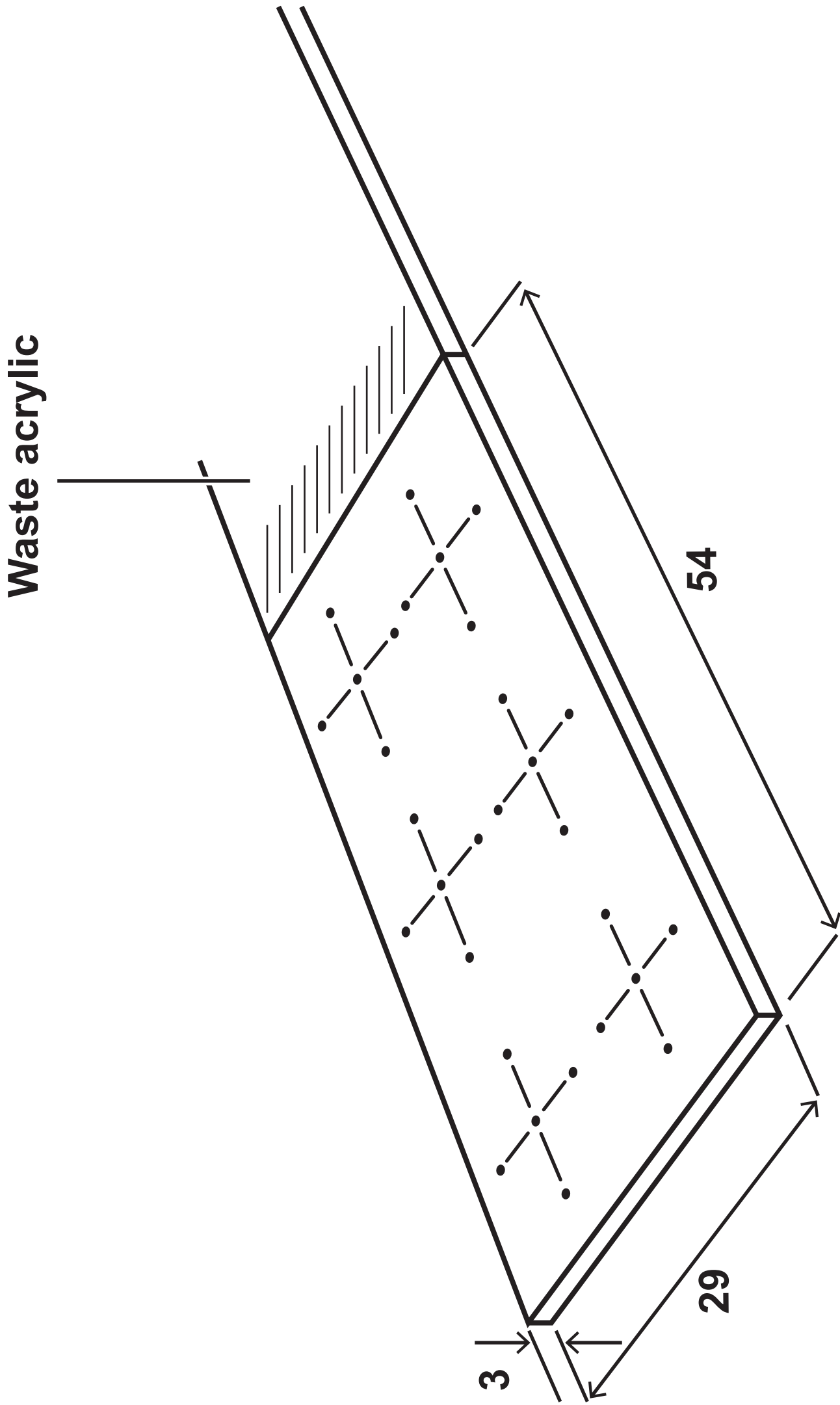
House tipped onto one end to see the space for the insert in the underside



Question 6(b) – not to scale

All dimensions in mm

FIGURE 12



Question 6(b) – Blank

Question 6(d) – not to scale

All dimensions in mm

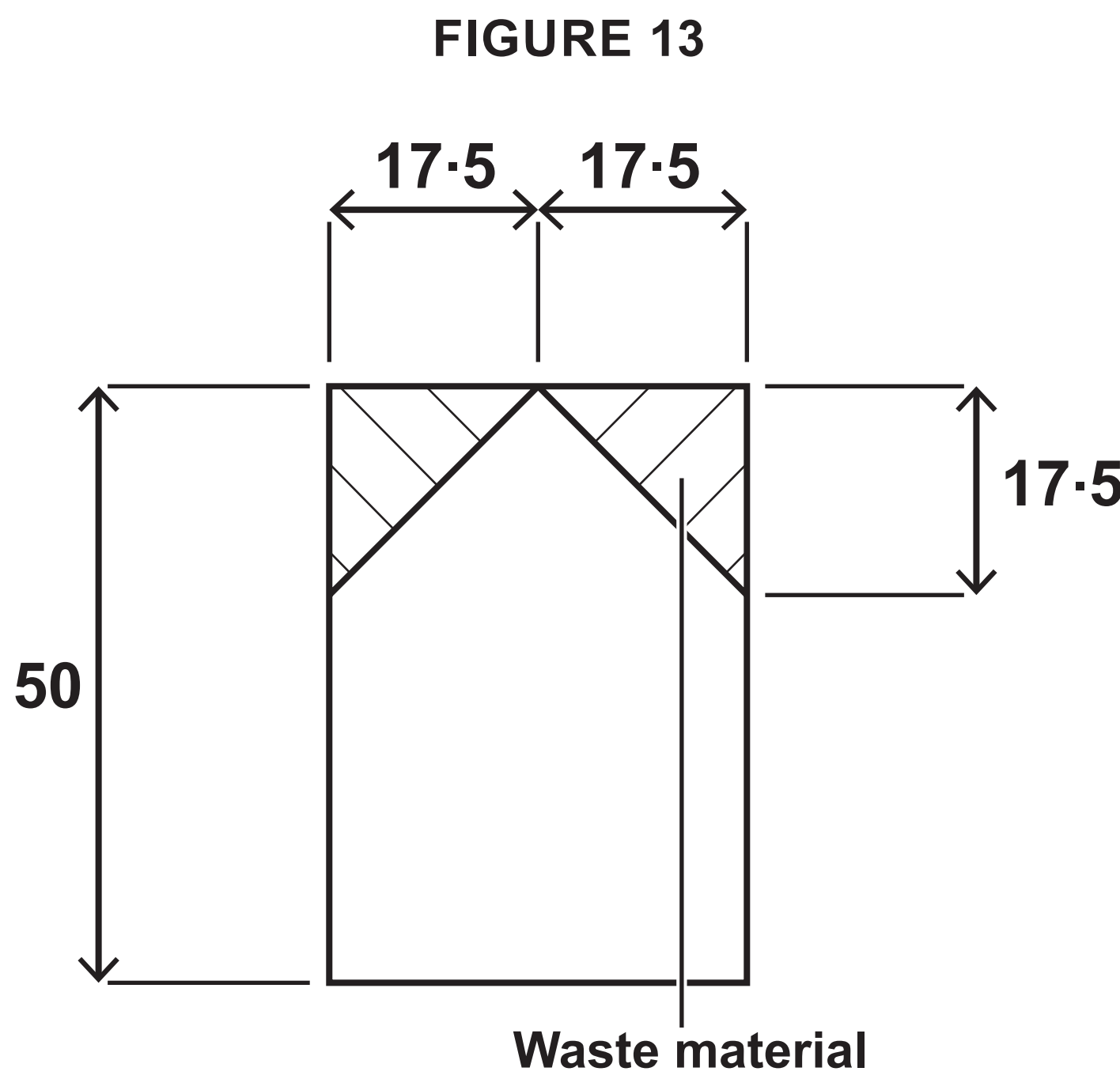
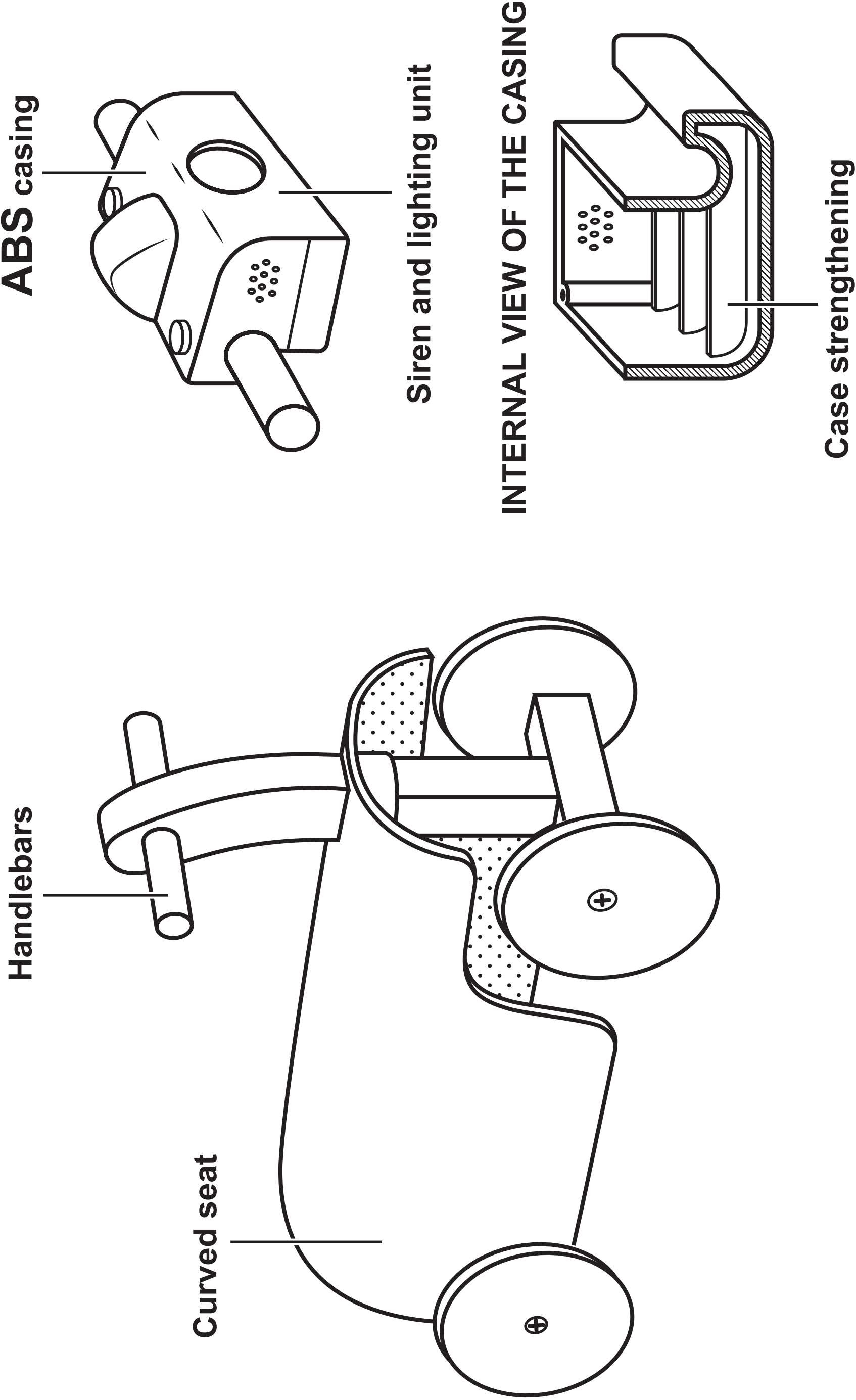


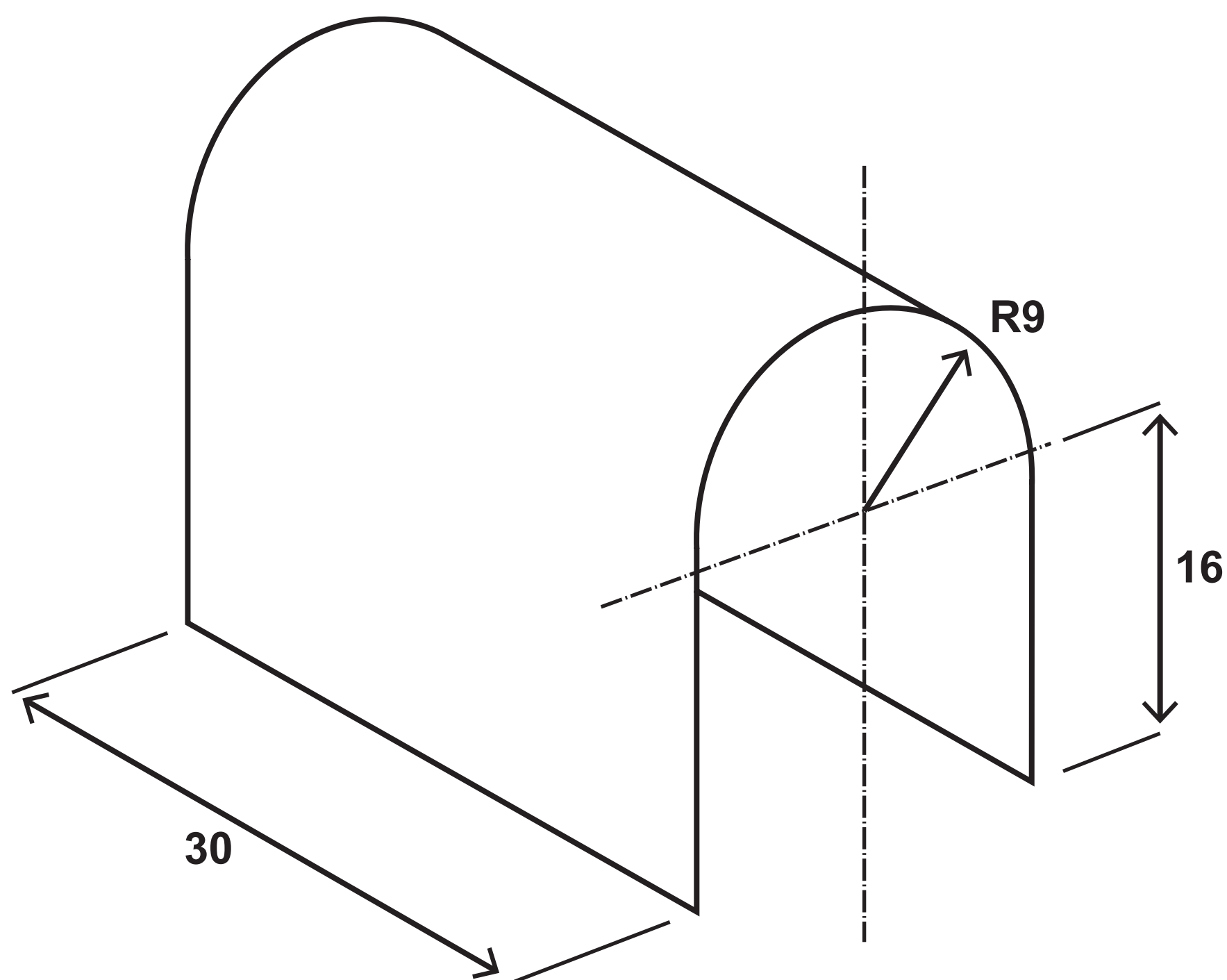
FIGURE 14



Question 7(c) – not to scale

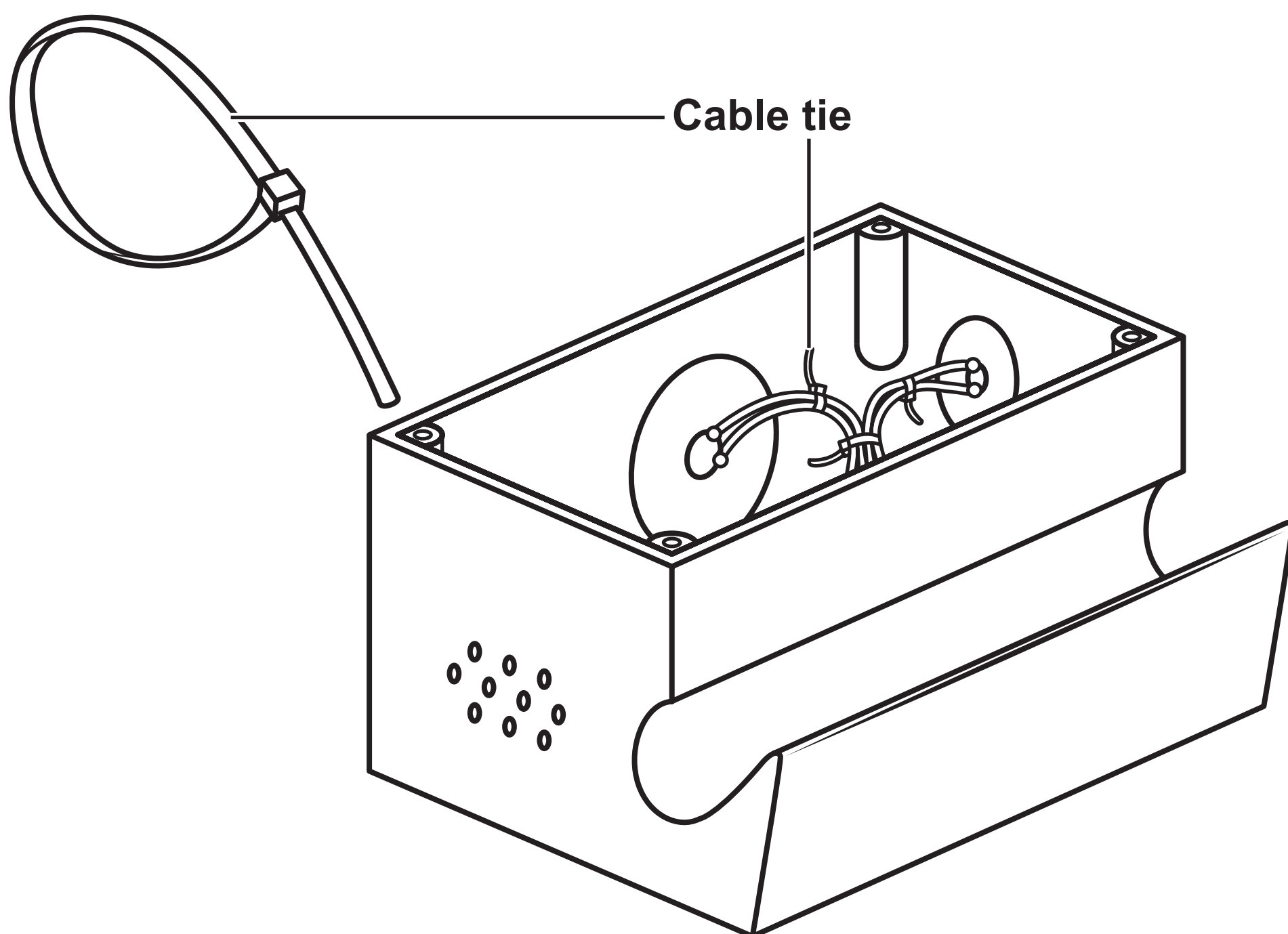
All dimensions in cm

FIGURE 15



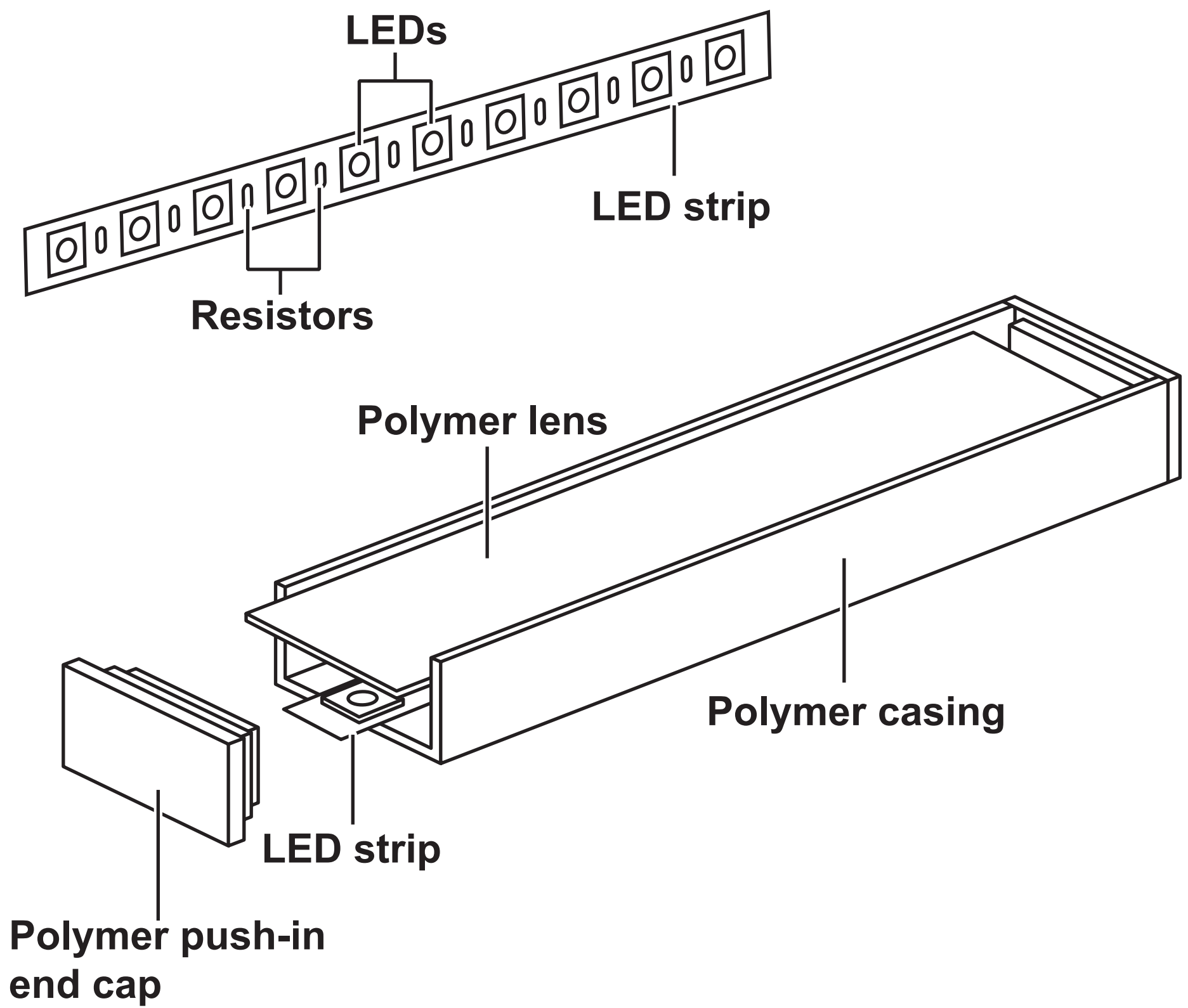
Question 7(d)

FIGURE 16



Question 8

FIGURE 17



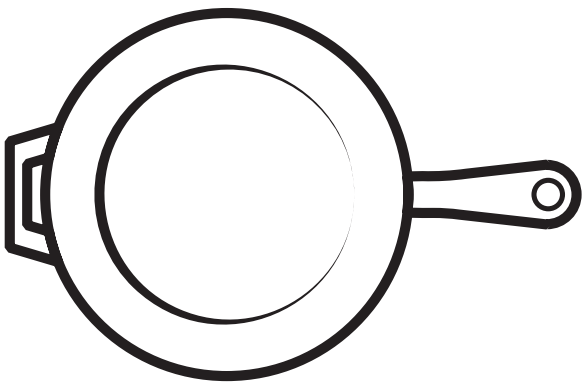
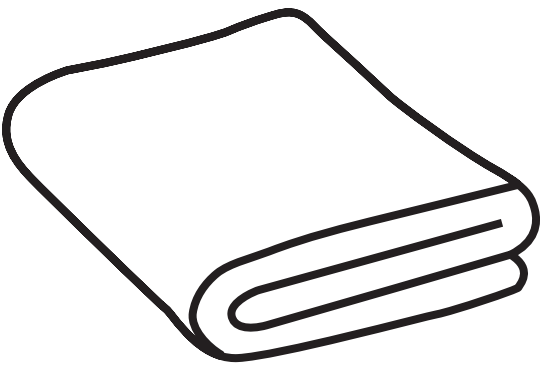
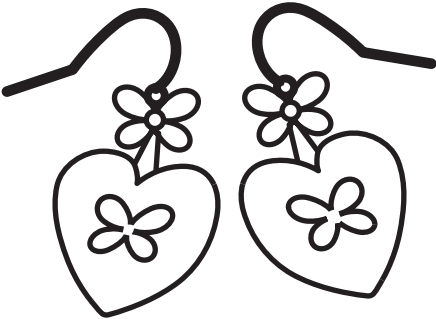

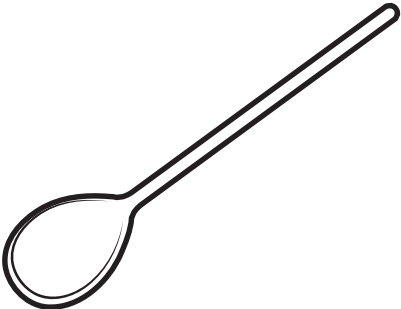
Question 8(d)

FIGURE 18

Source of polymer for the strip light	USA
Country of manufacture	United Kingdom
Potential market	Homes, schools and museums
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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	Polyester resin earrings	(ii) (1 mark)
	Copier paper	(iii) (1 mark)
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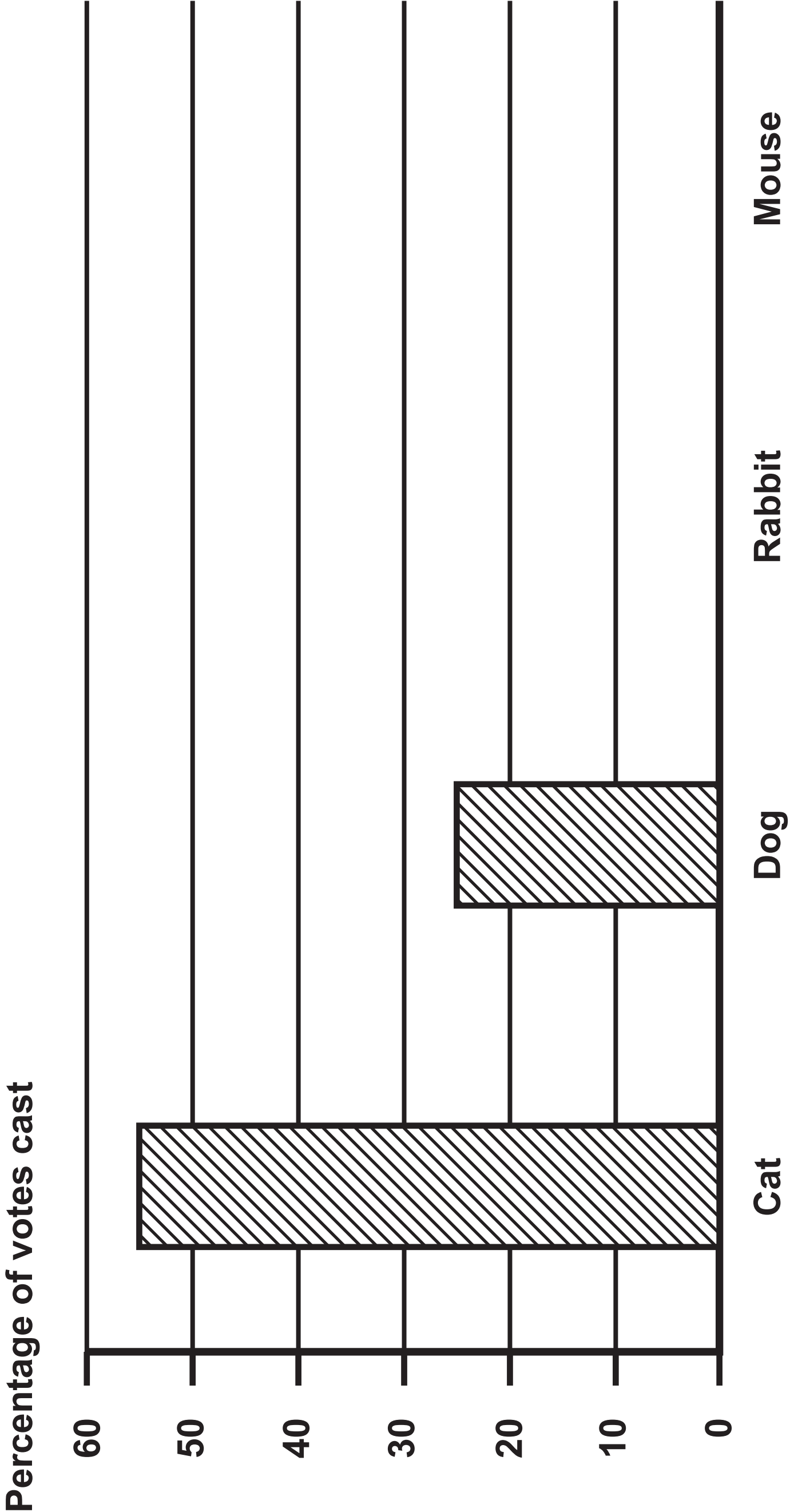
Question 2(d)

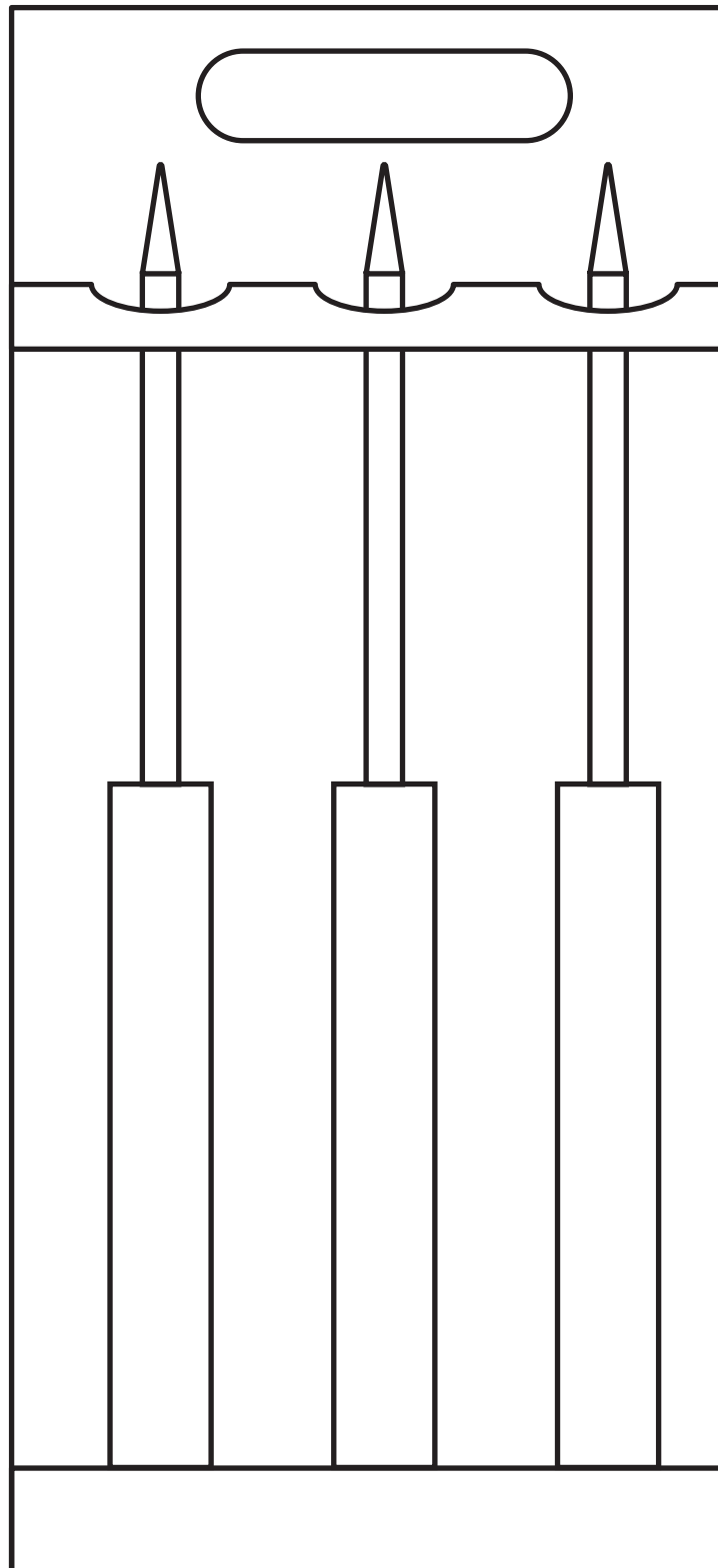
FIGURE 3

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Cat	165	55
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Rabbit		15
Mouse		5
TOTAL	300	100

Question 2(d)(i) – Blank

FIGURE 4



Question 5(a) – outline diagram

Question 6(b) – Blank