

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

Design and Technology
COMPONENT 1: Timbers

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)

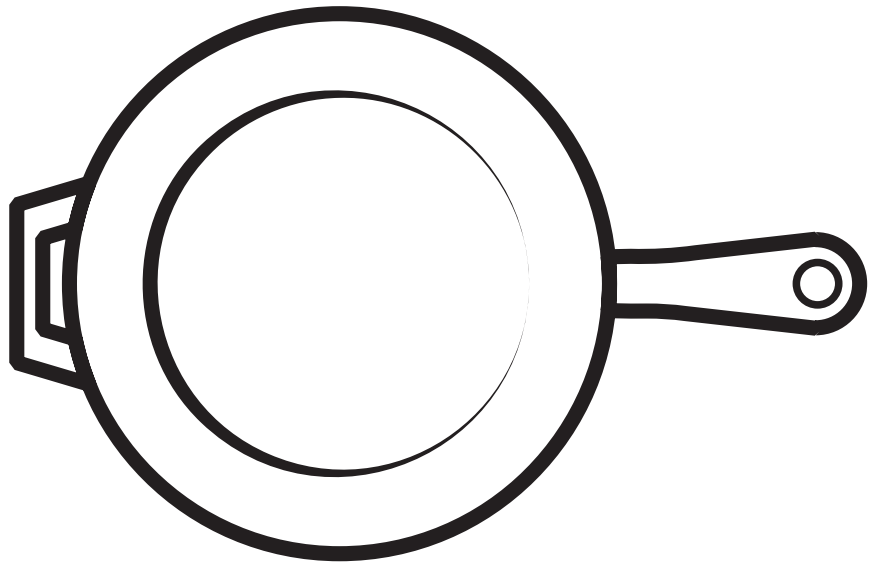
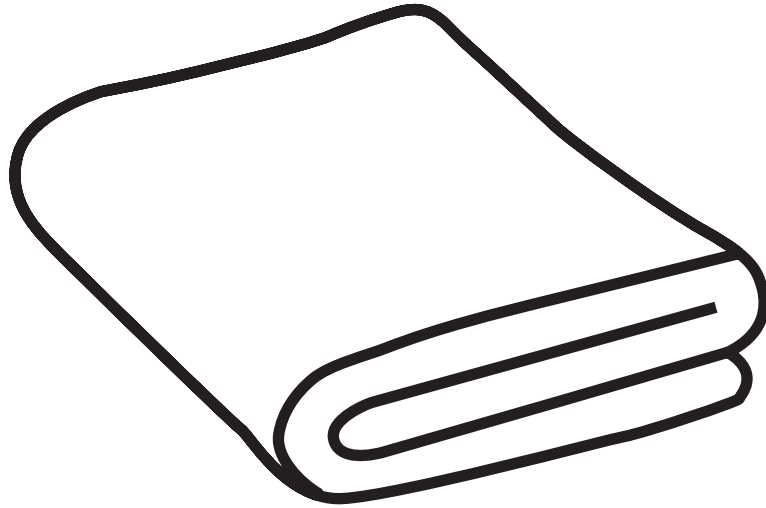
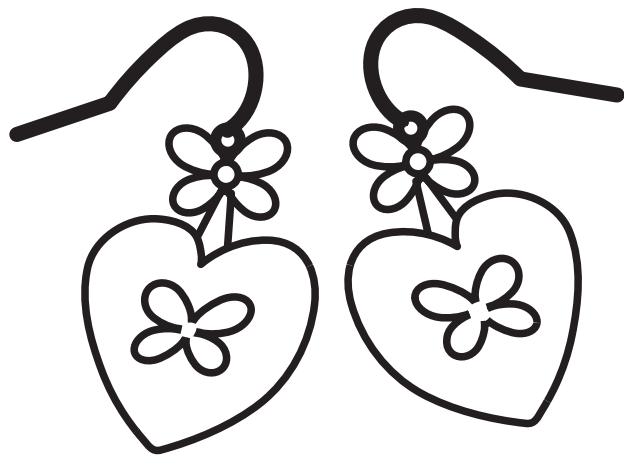
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Question 1(a)

FIGURE 1

Picture of product	Material and product	Property
	Cast iron frying pan	Hard
	Cotton bath towel	(i) <hr/> (1 mark)
	Polyester resin earrings	(ii) <hr/> (1 mark)

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1(a) continued.


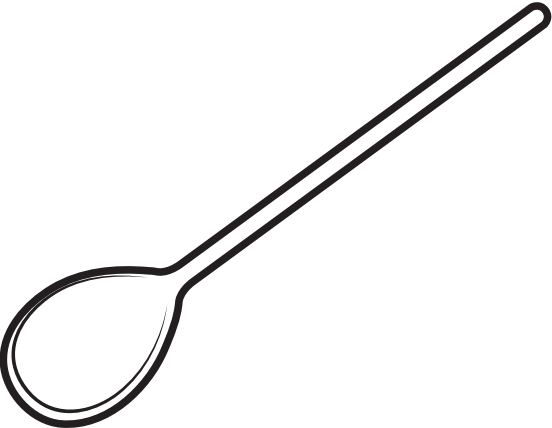
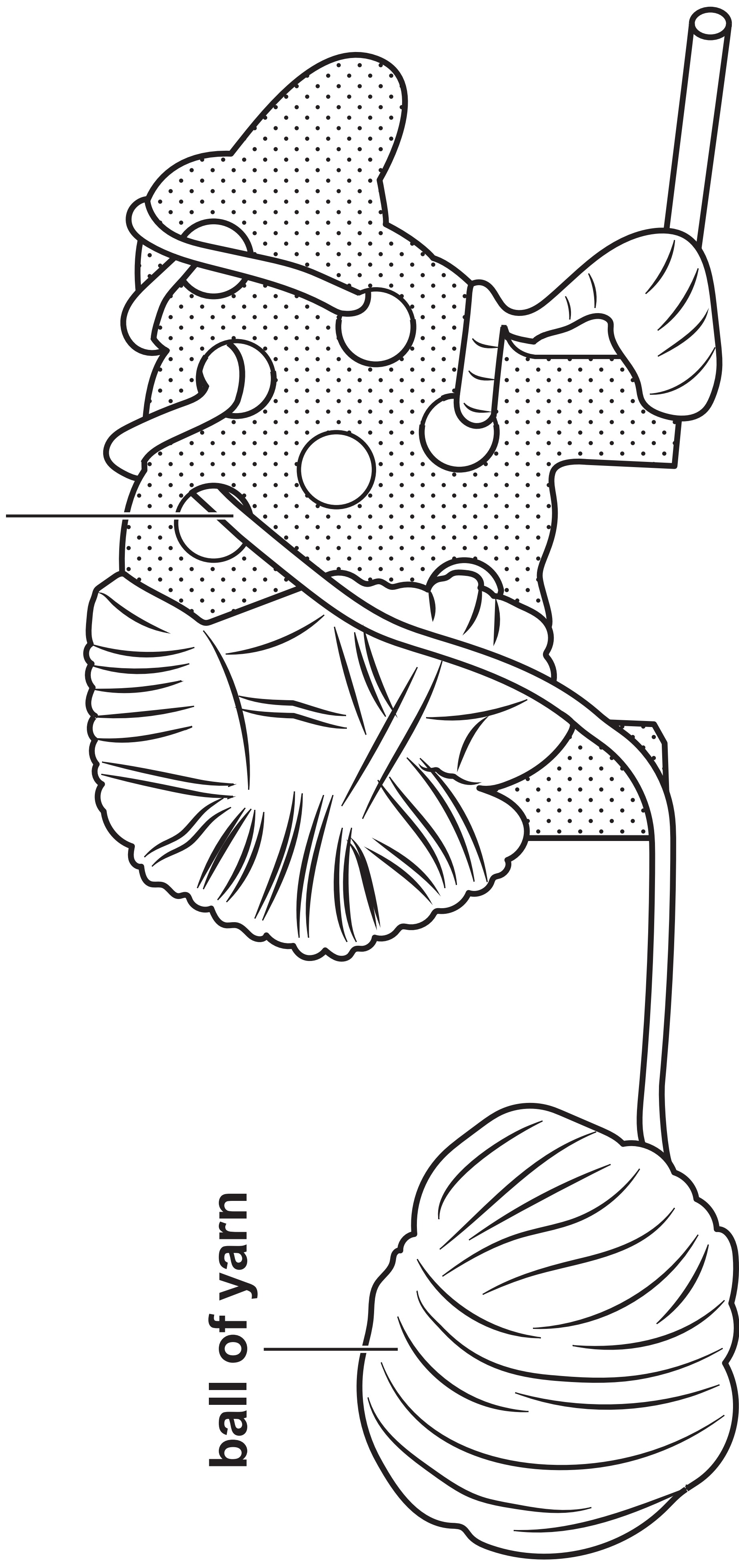
	Copier paper	(iii) <hr/> (1 mark)
	Beech cooking spoon	(iv) <hr/> (1 mark)

FIGURE 2

yarn threaded through the wooden sheep



Question 2(d)

FIGURE 3

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

Question 2(d)(ii)

FIGURE 4

Percentage of votes cast

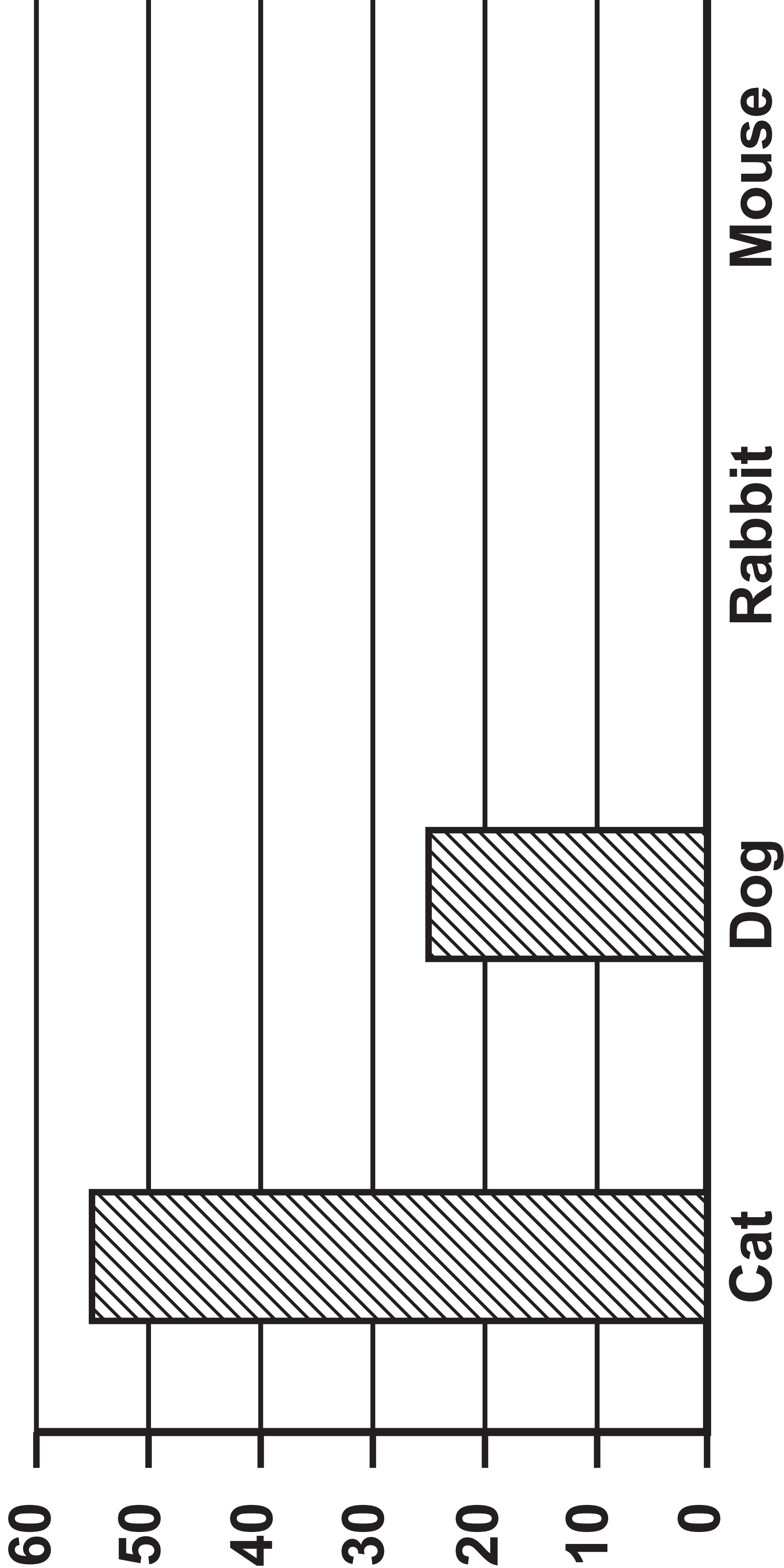


FIGURE 5

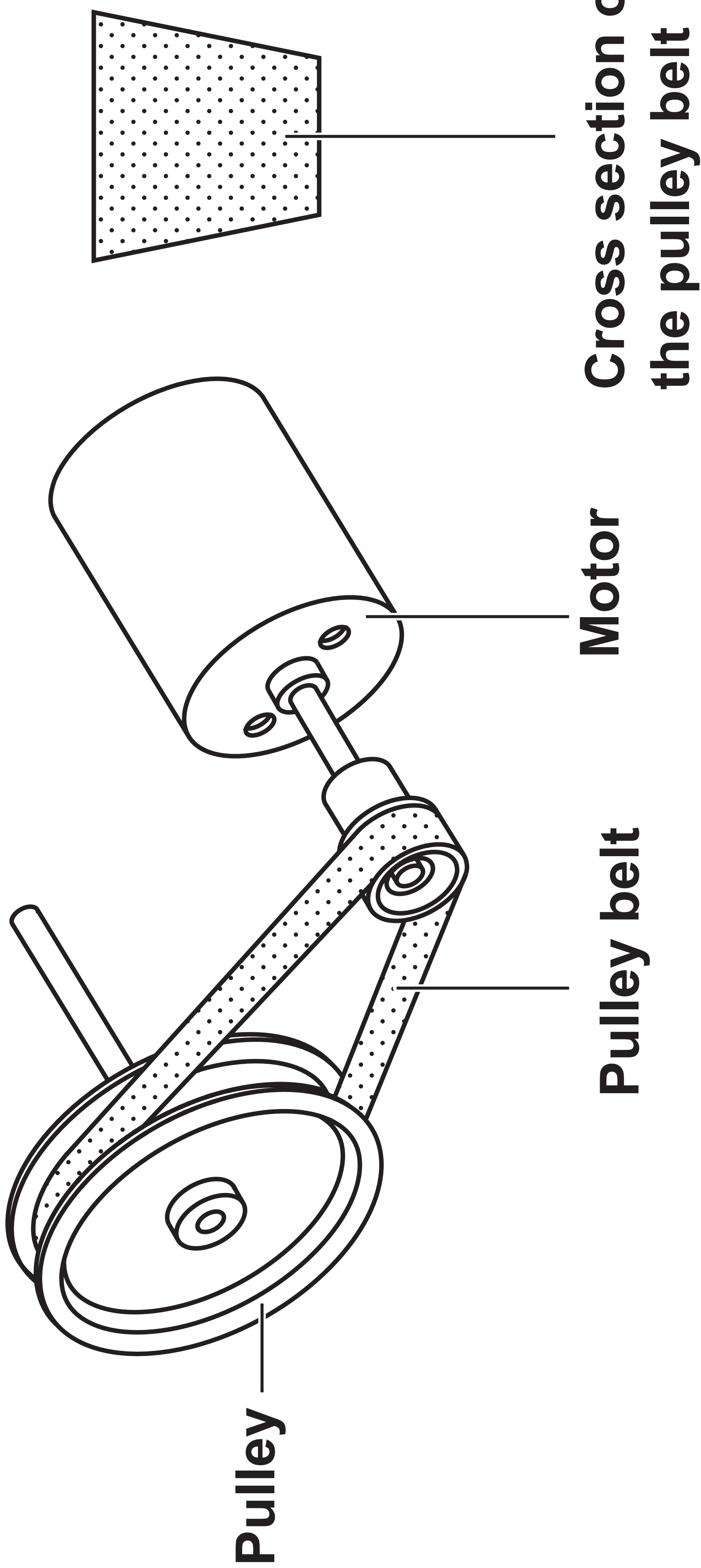
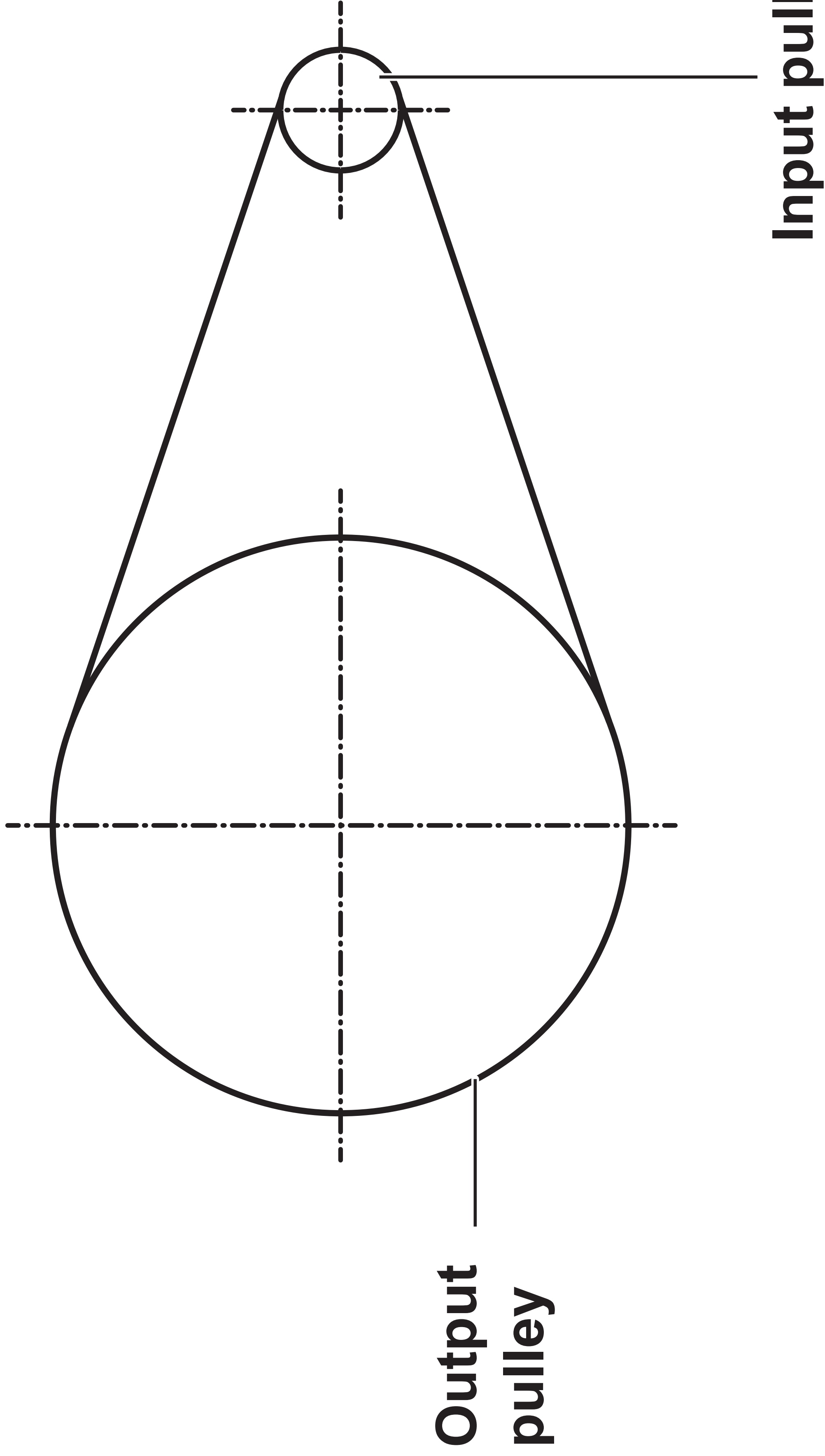


FIGURE 6



Question 3(d)

FIGURE 7

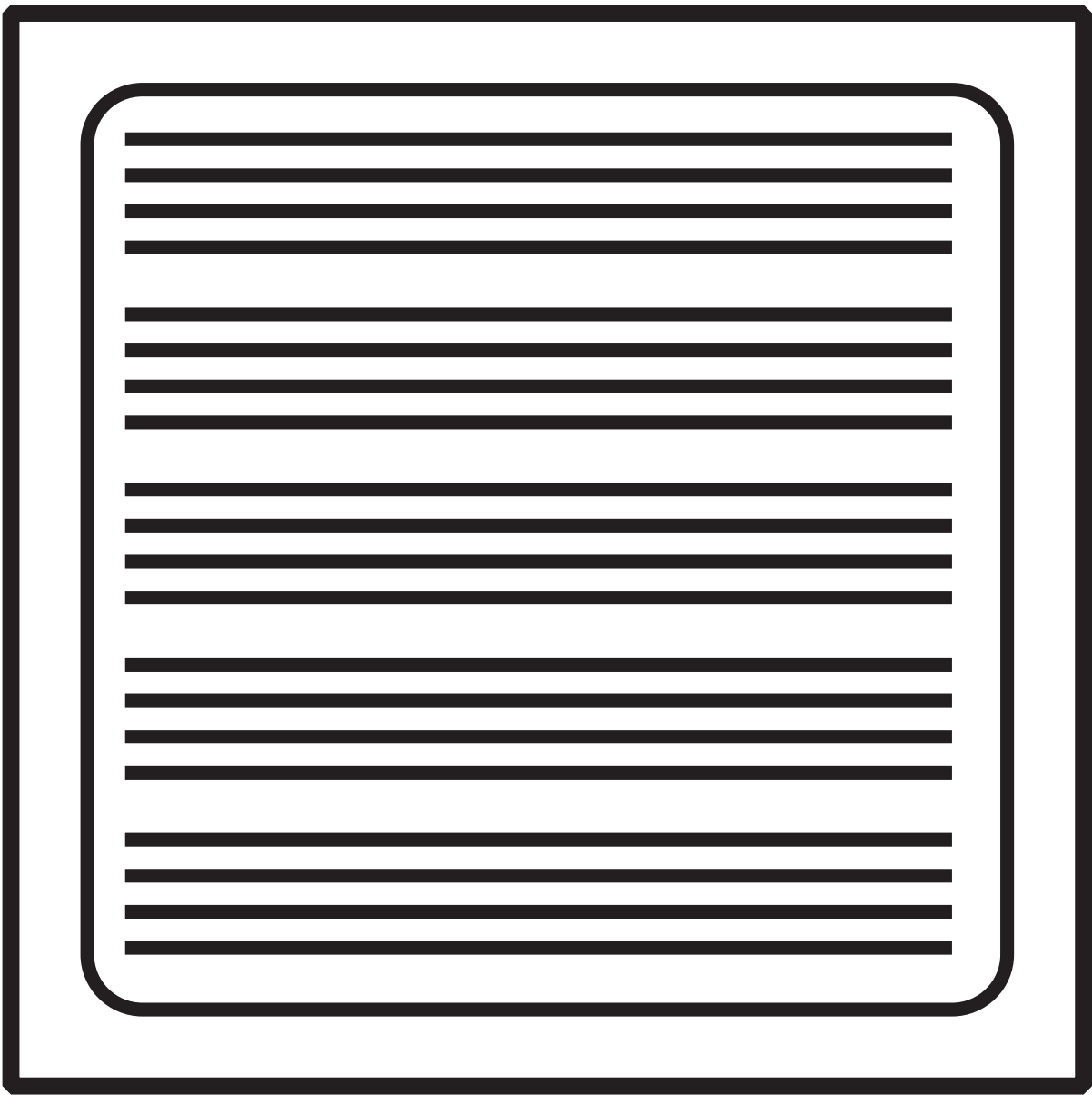
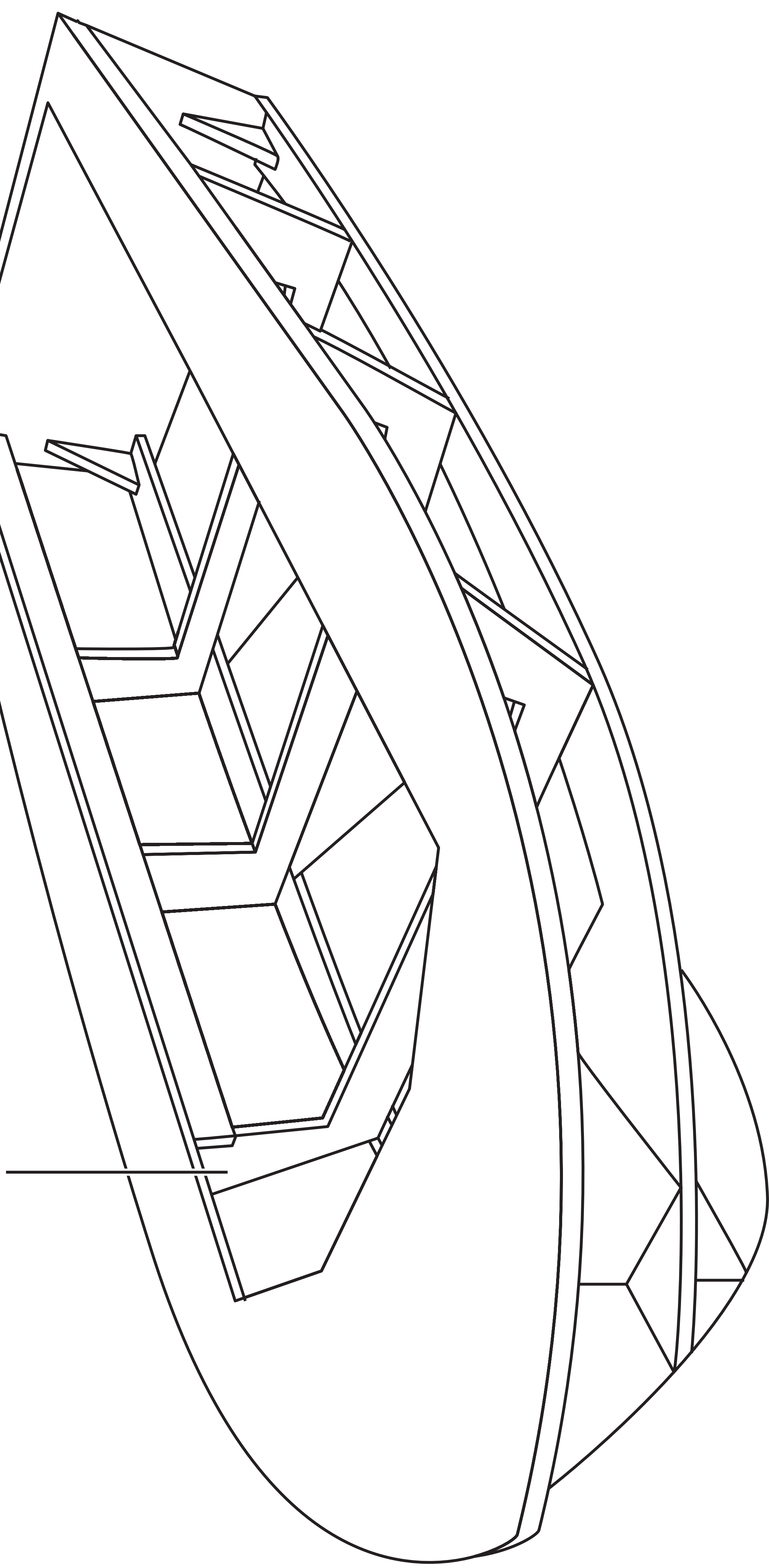
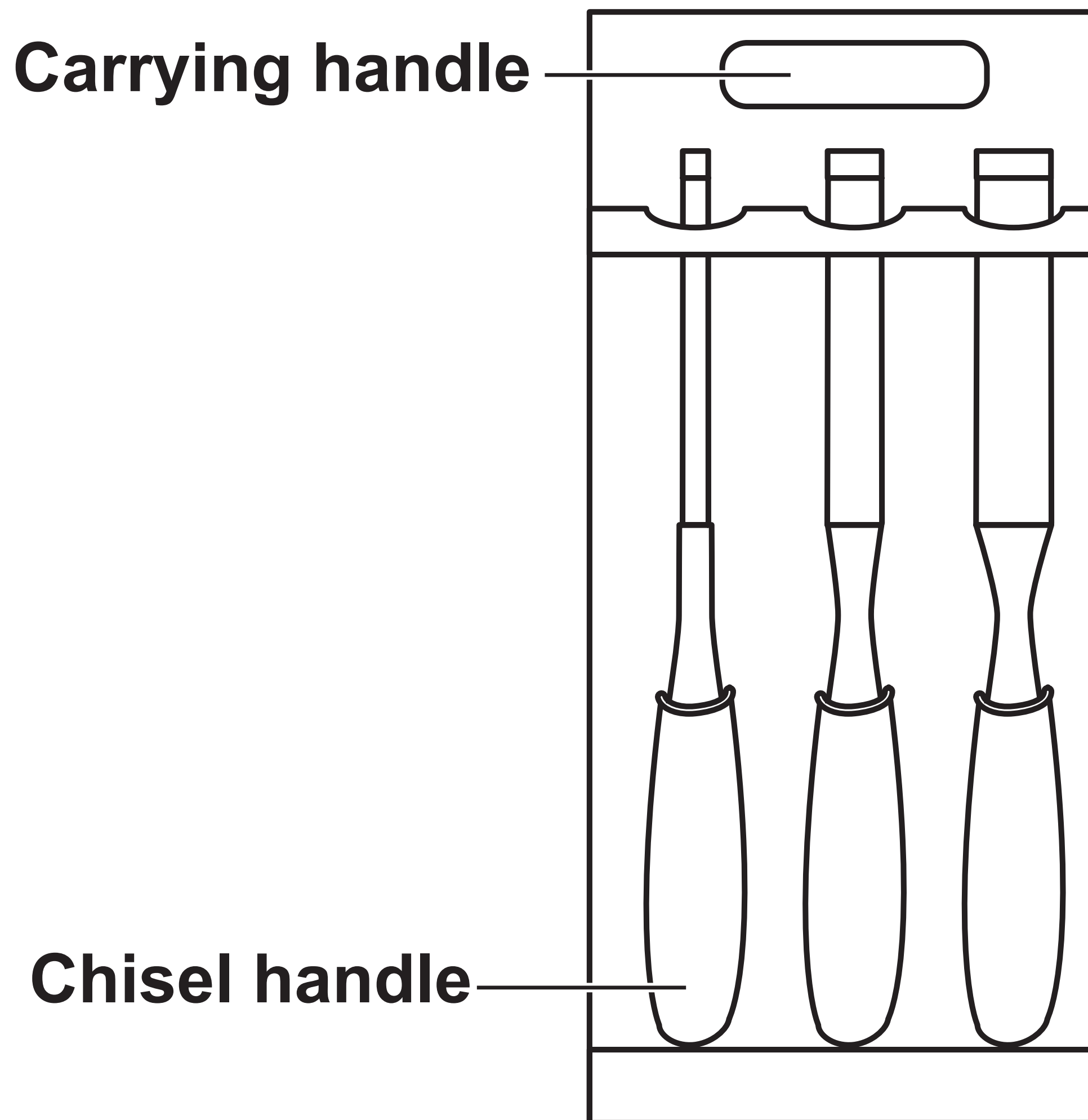


FIGURE 8

Frame for the boat



Question 5 – not to scale**FIGURE 9**

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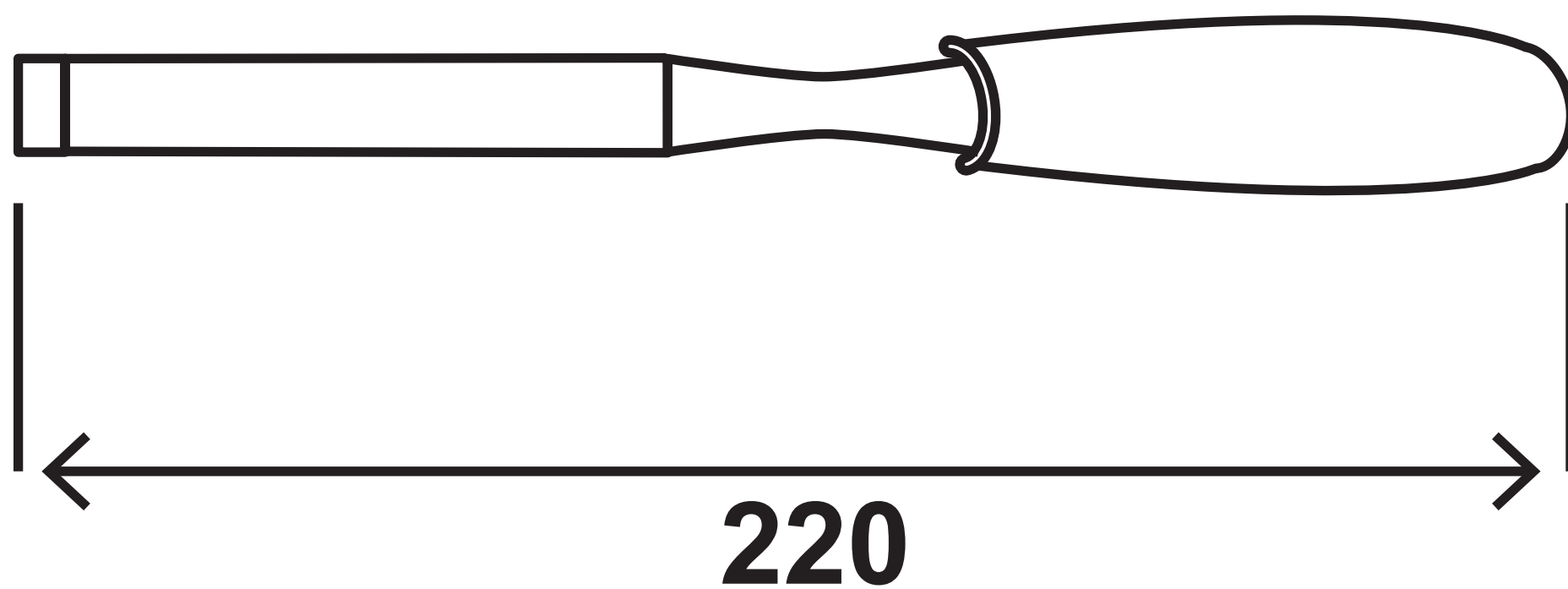
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5 continued.

Additional information – dimensions of chisels

All dimensions in mm

Diagram not to scale



Question 5(a) – outline diagram

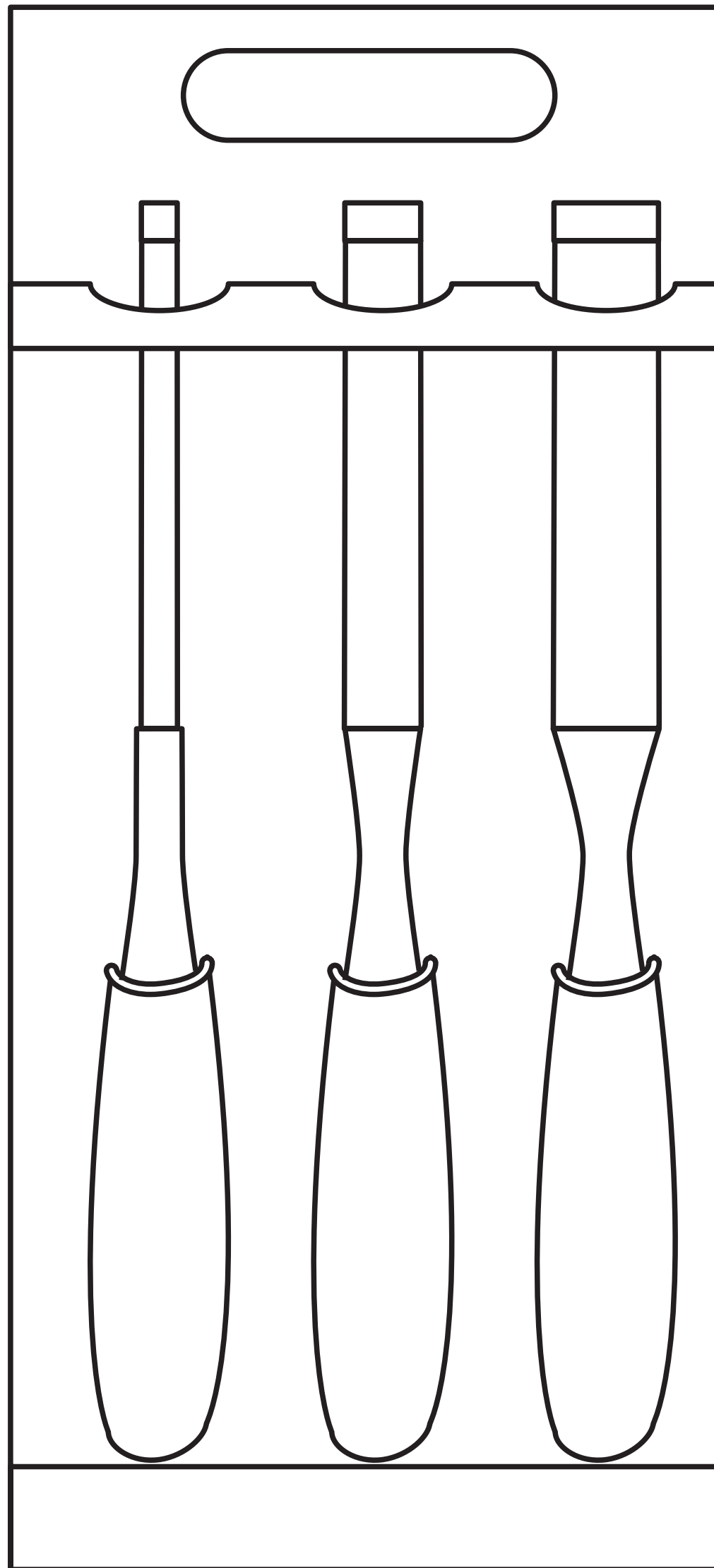
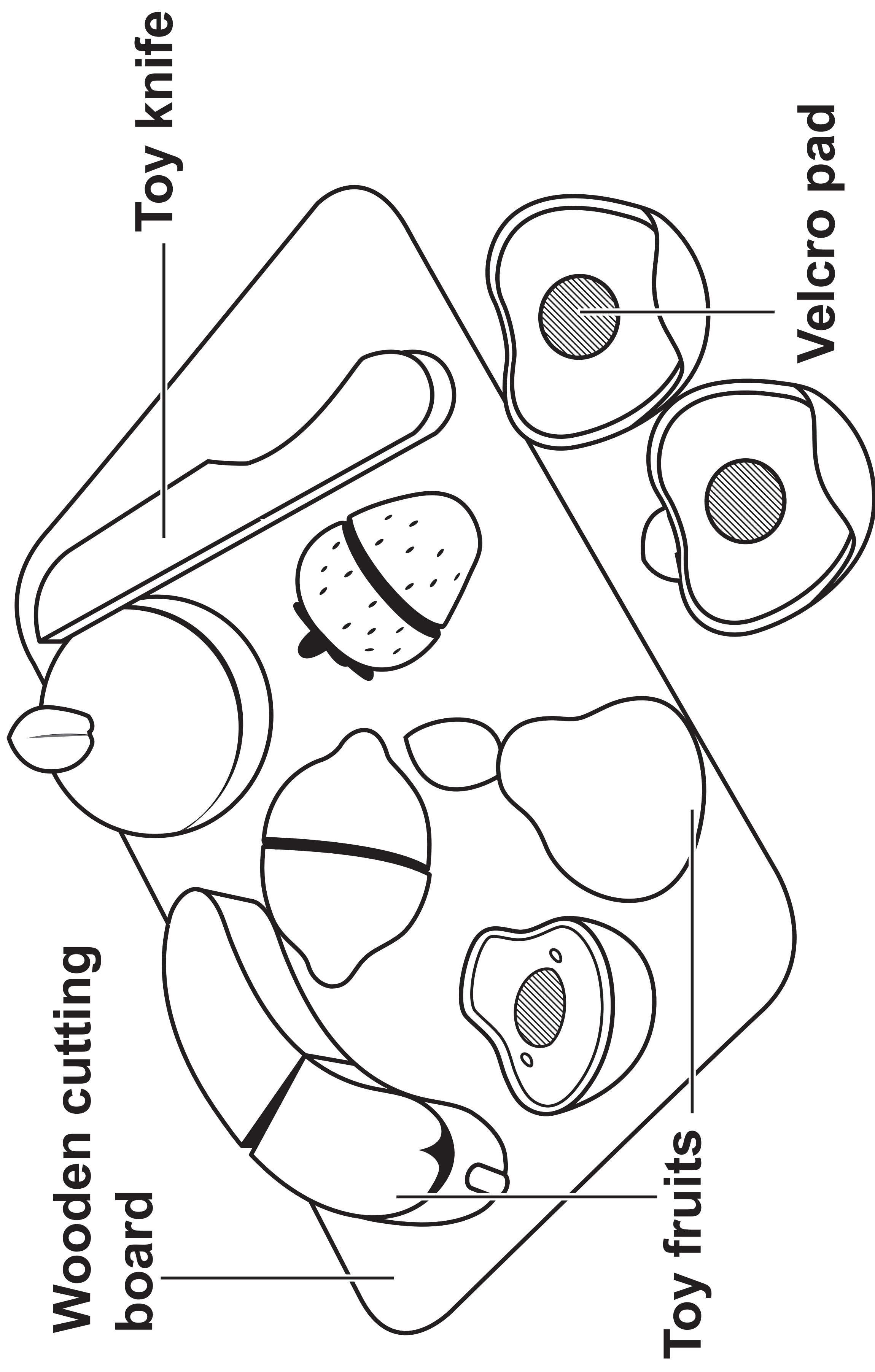


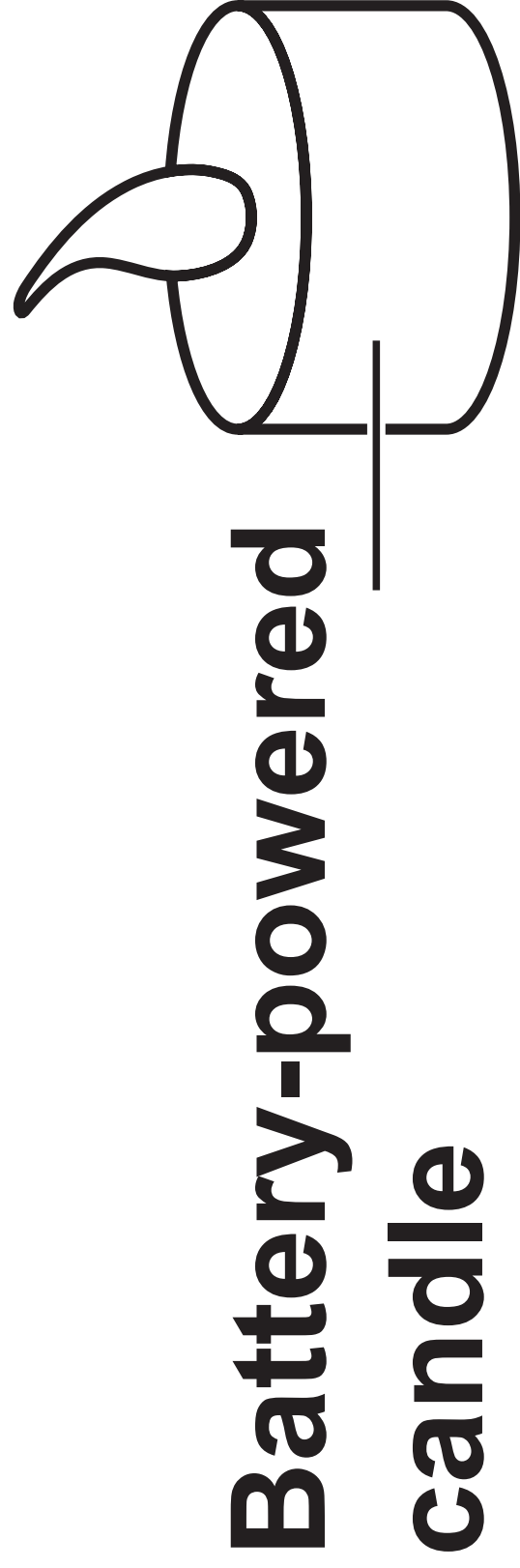
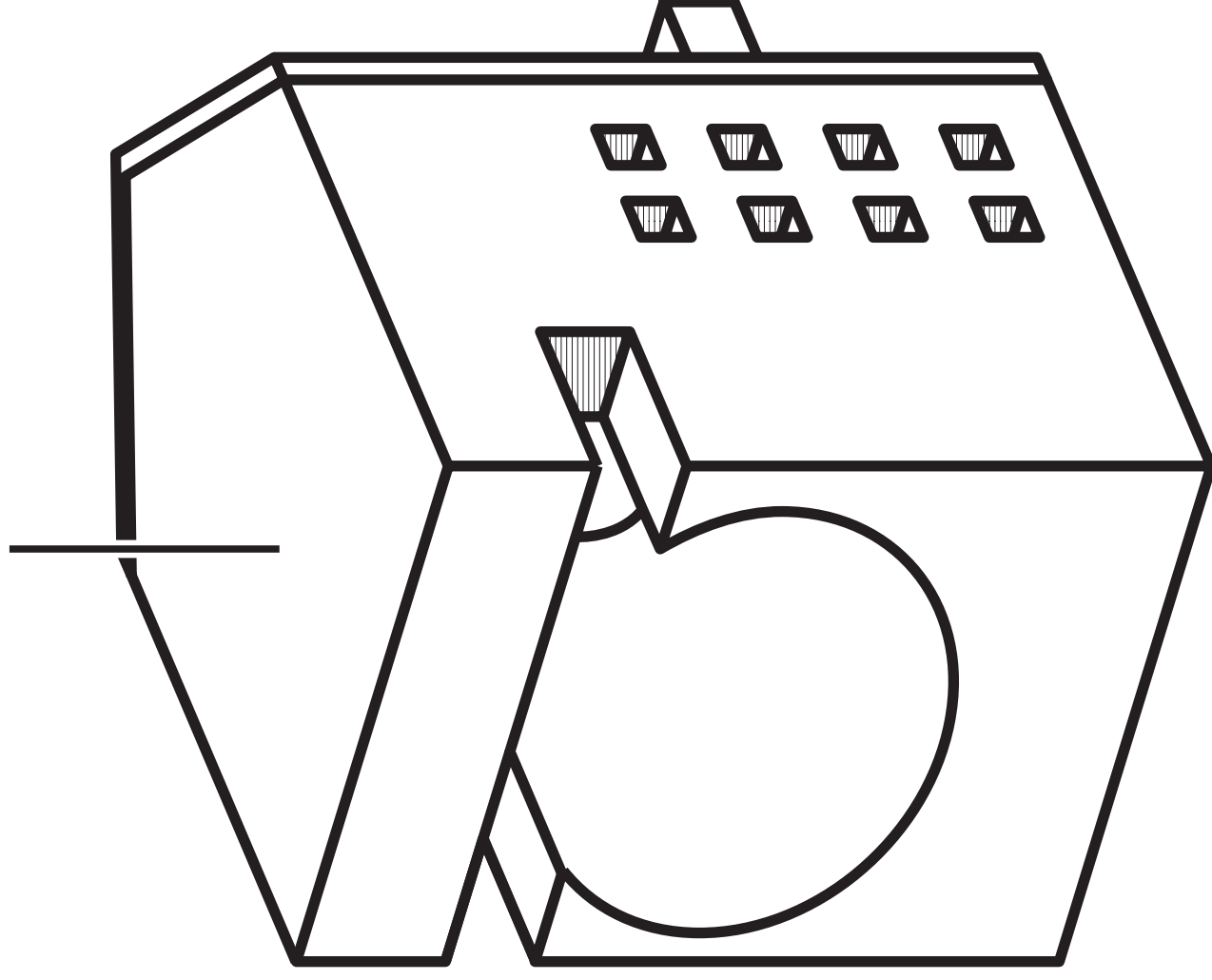
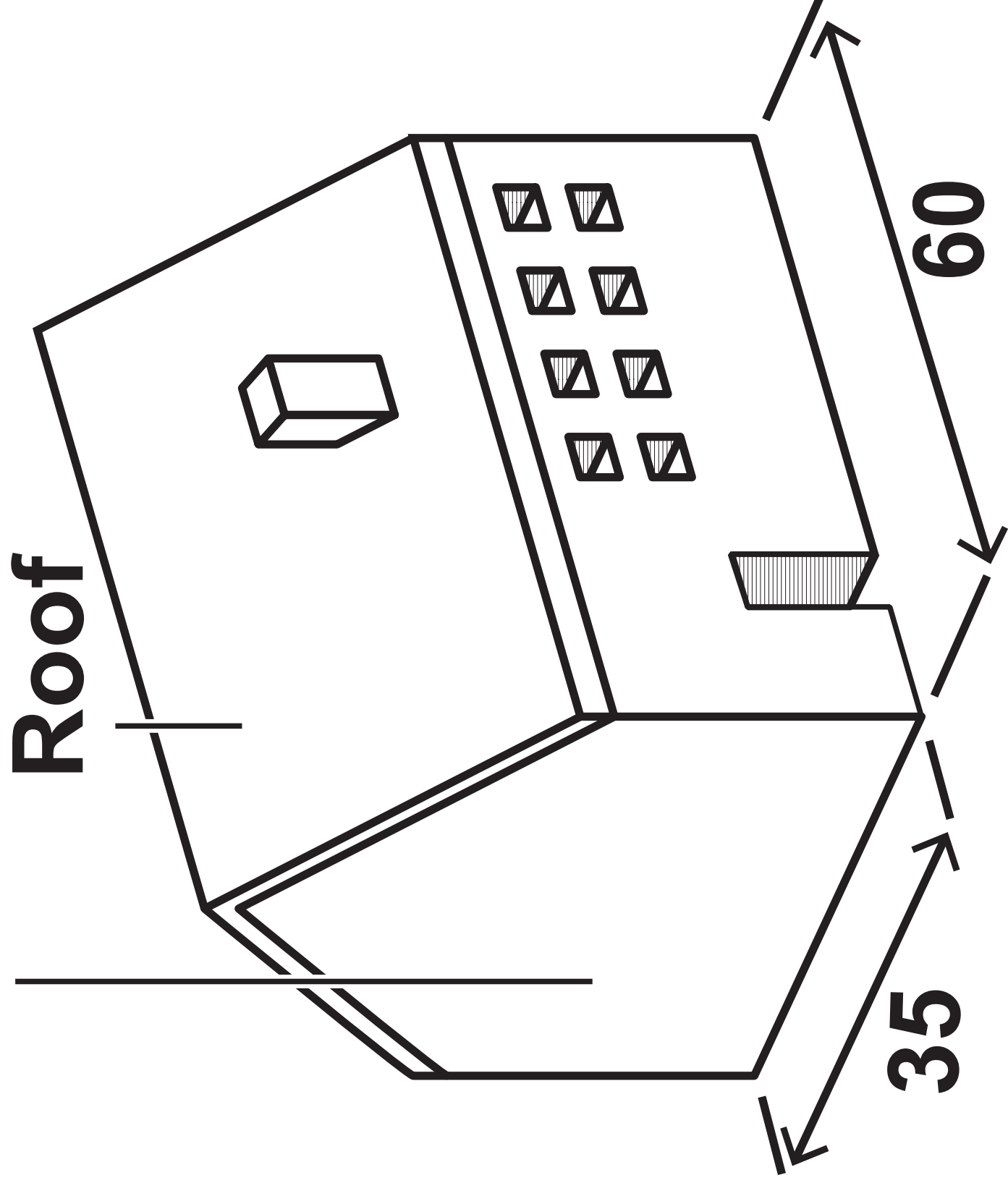
FIGURE 10



Question 6 – not to scale
All dimensions in mm

FIGURE 11

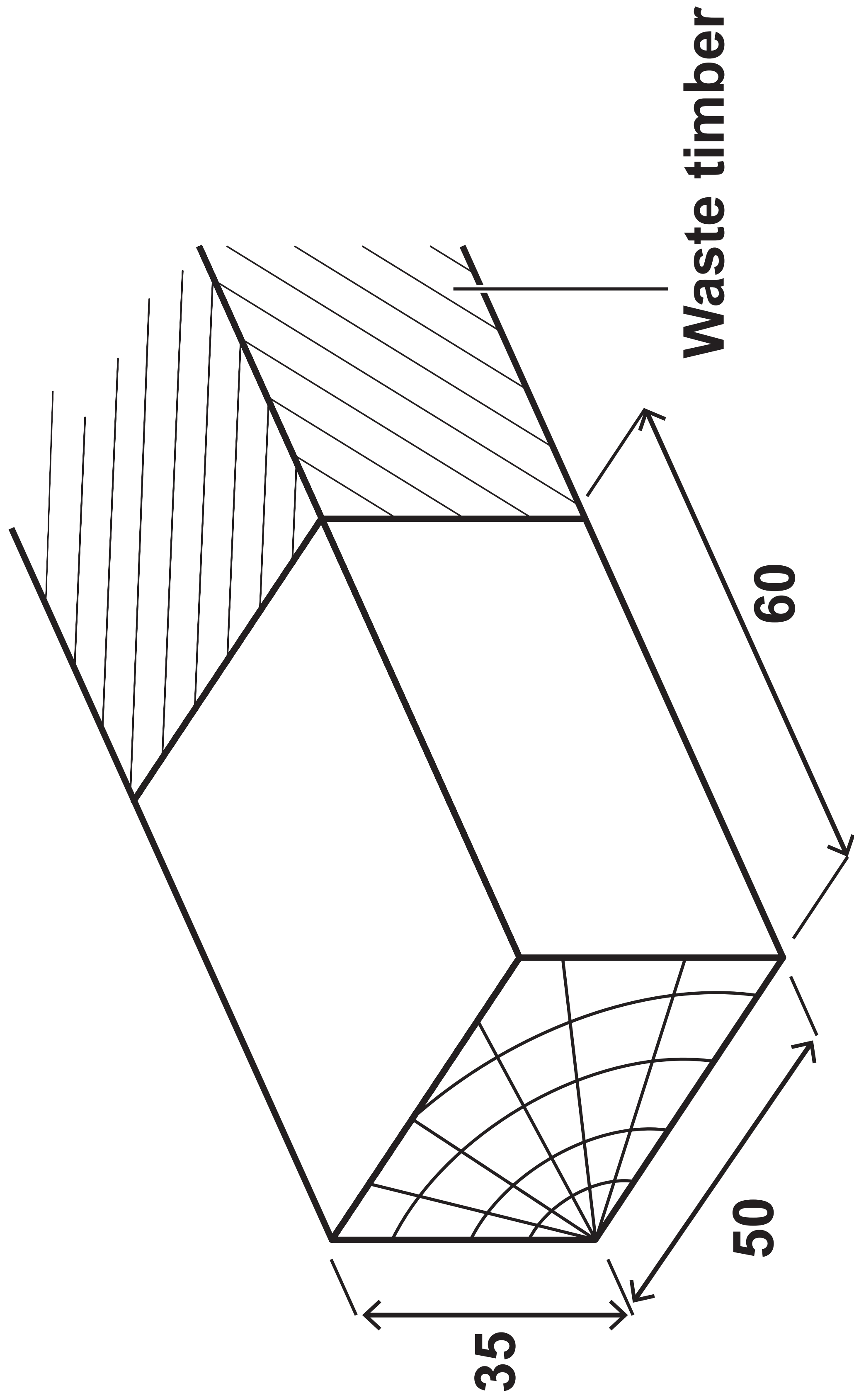
Main body
Roof
House tipped onto one end
to see the hole for the
candle in the underside



Question 6(b) – not to scale

All dimensions in mm

FIGURE 12



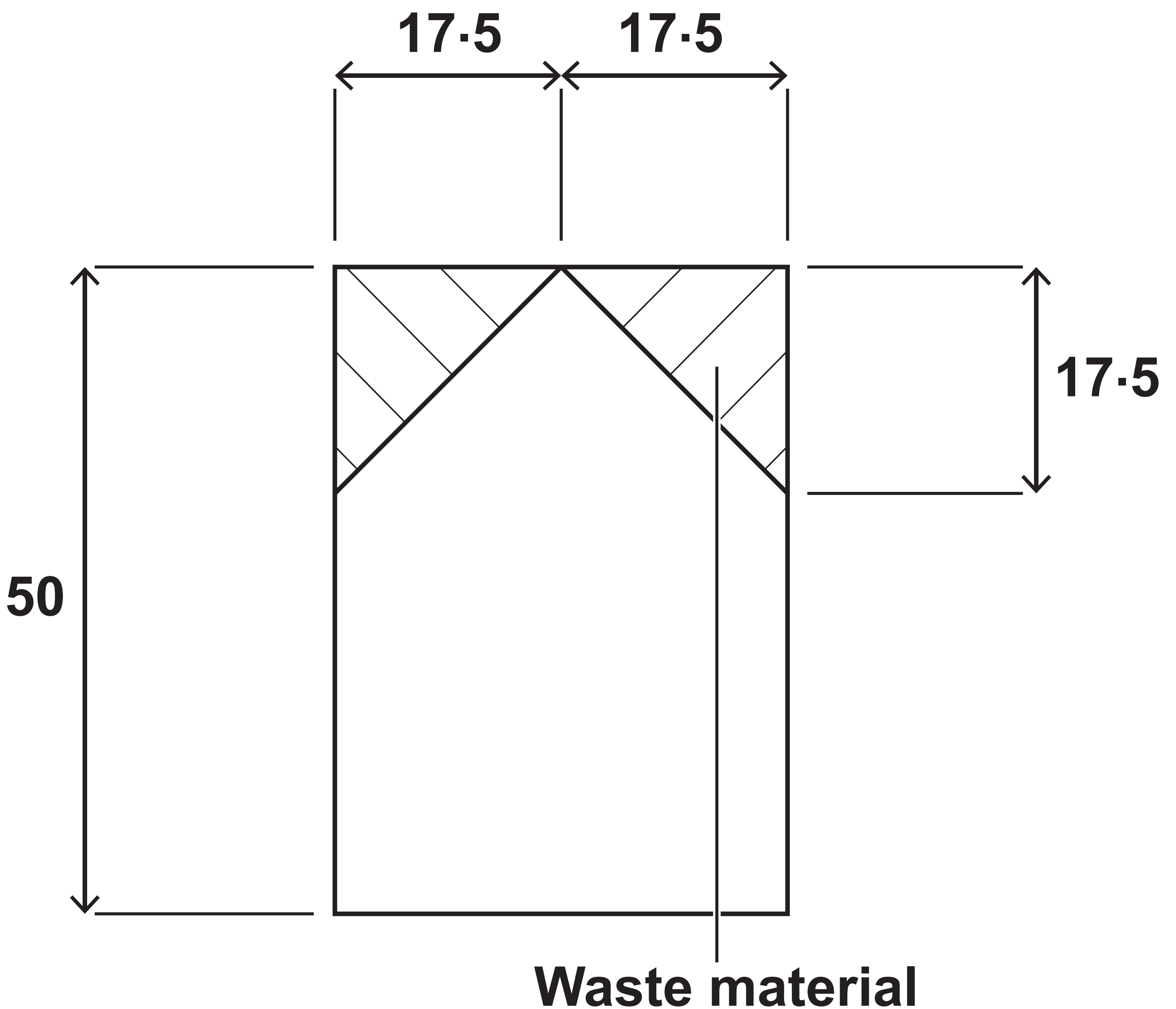
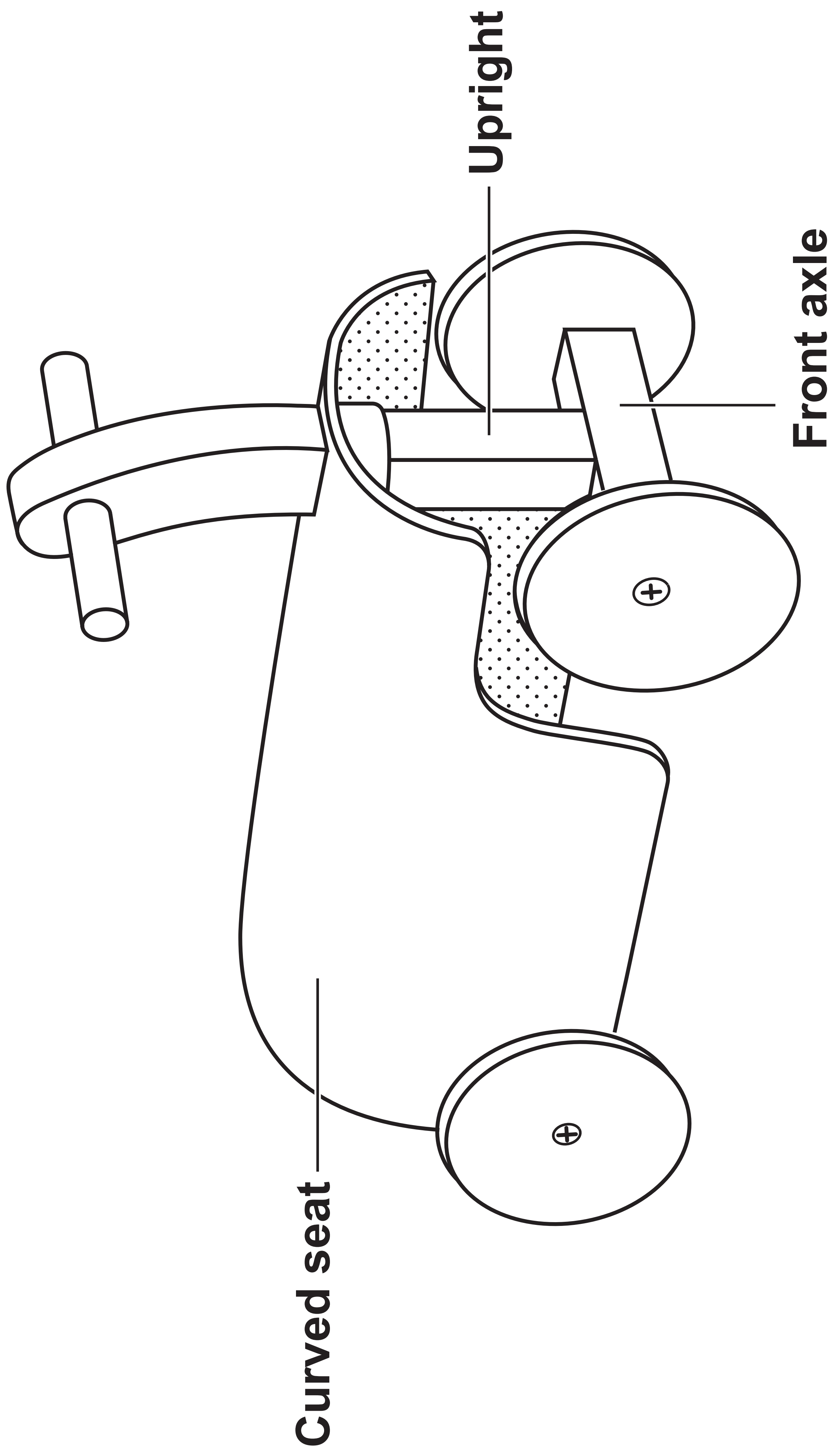
Question 6(d) – not to scale**All dimensions in mm****FIGURE 13**

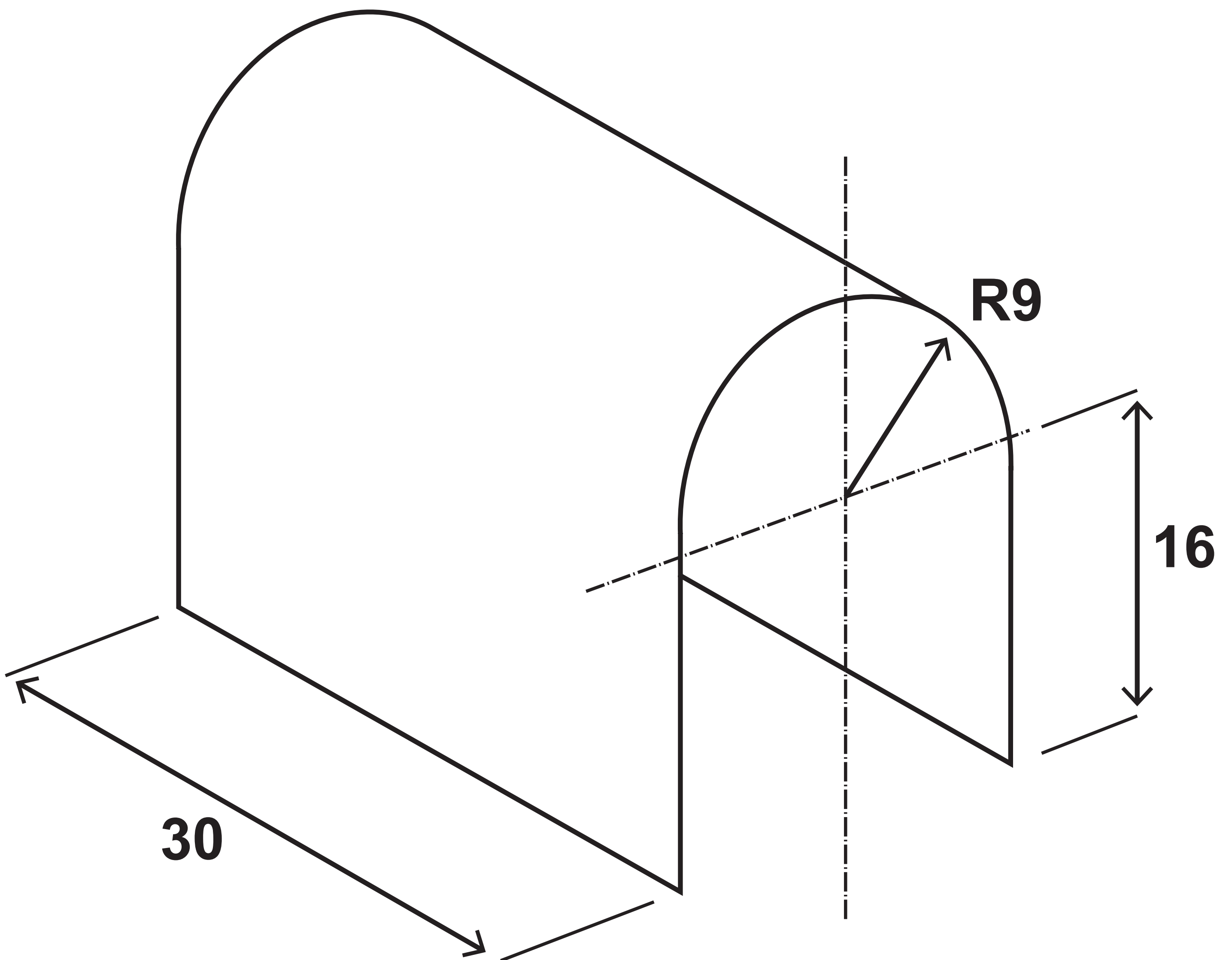
FIGURE 14



Question 7(c) – not to scale

All dimensions in cm

FIGURE 15



Question 7(d)

FIGURE 16

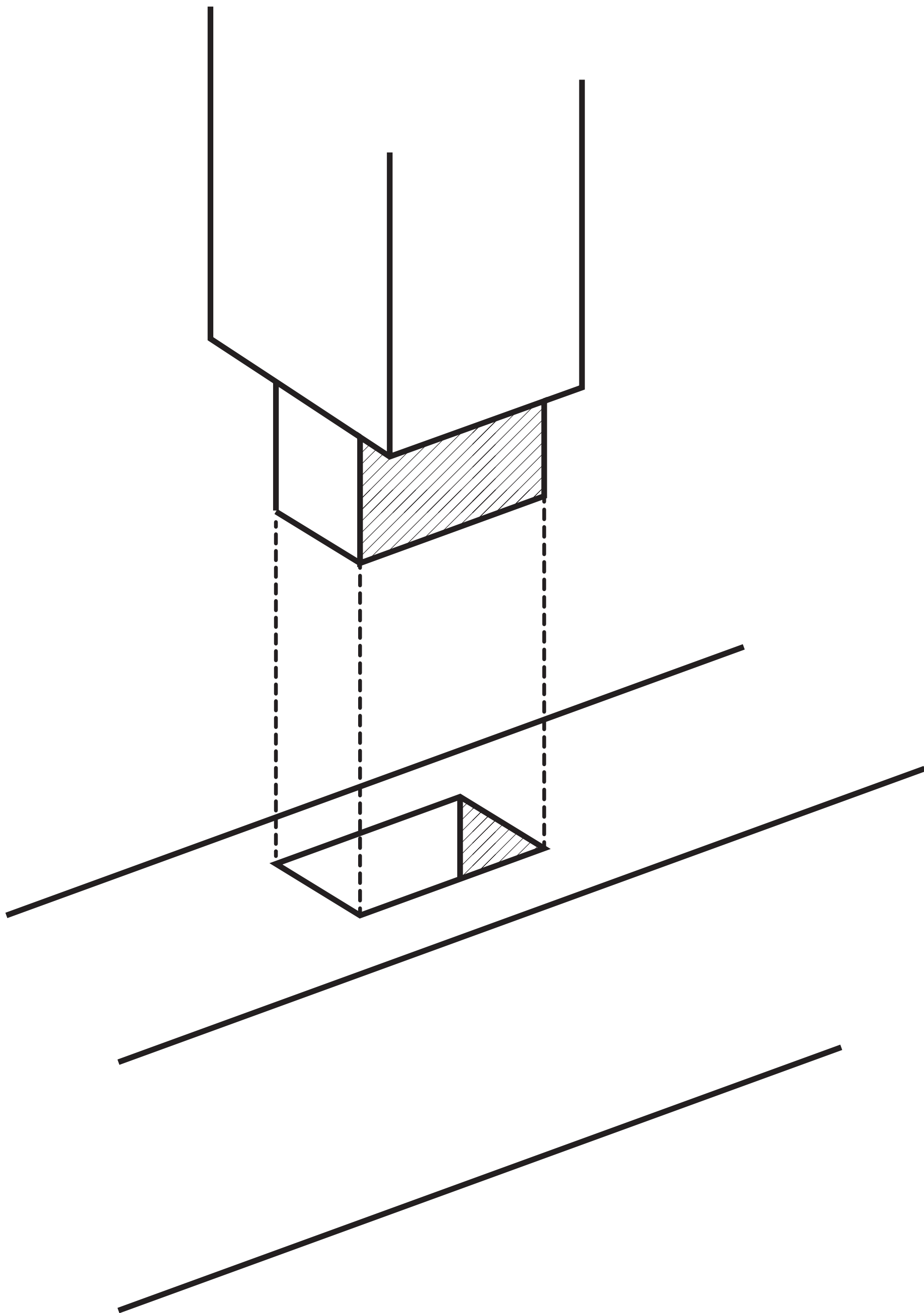


FIGURE 17

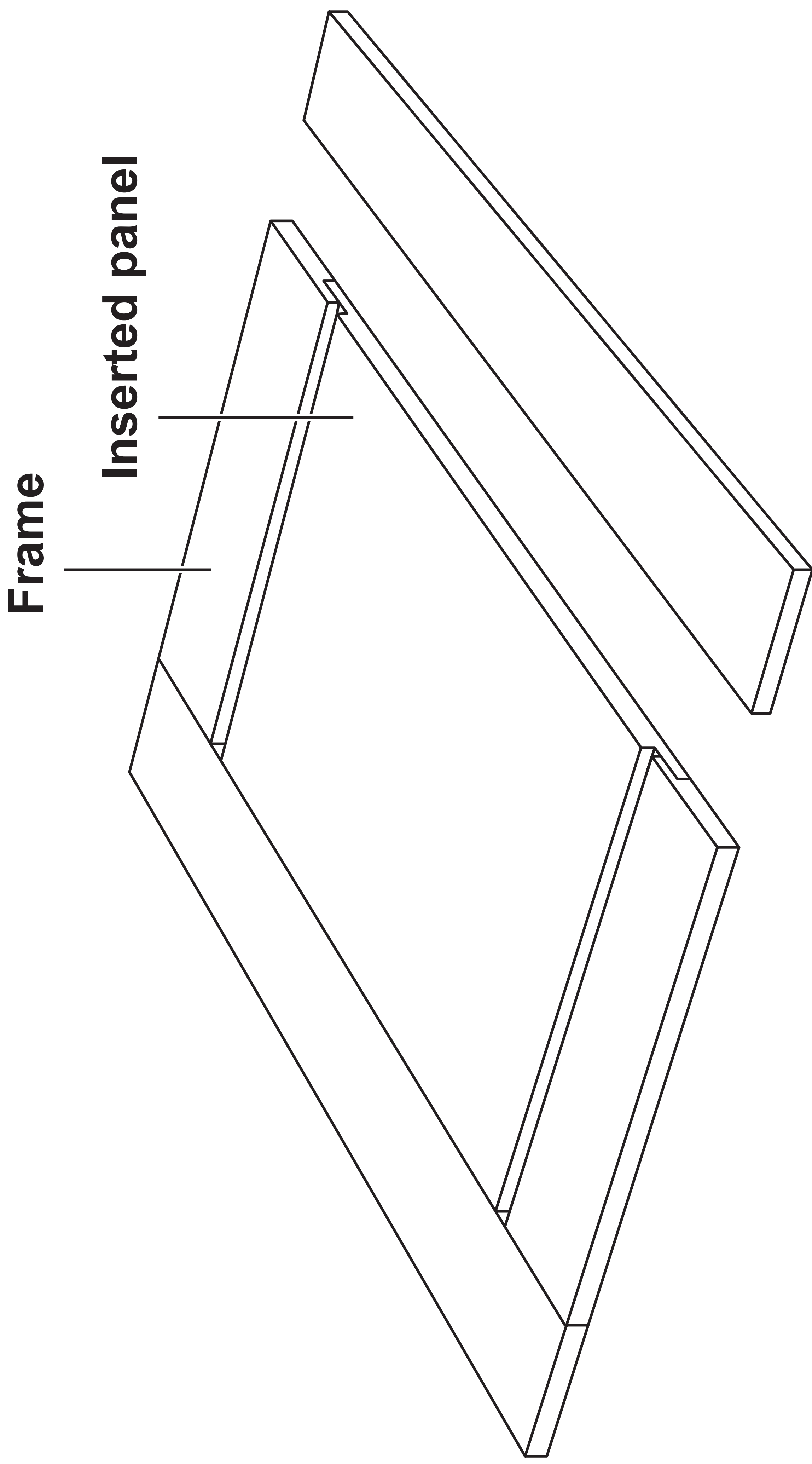
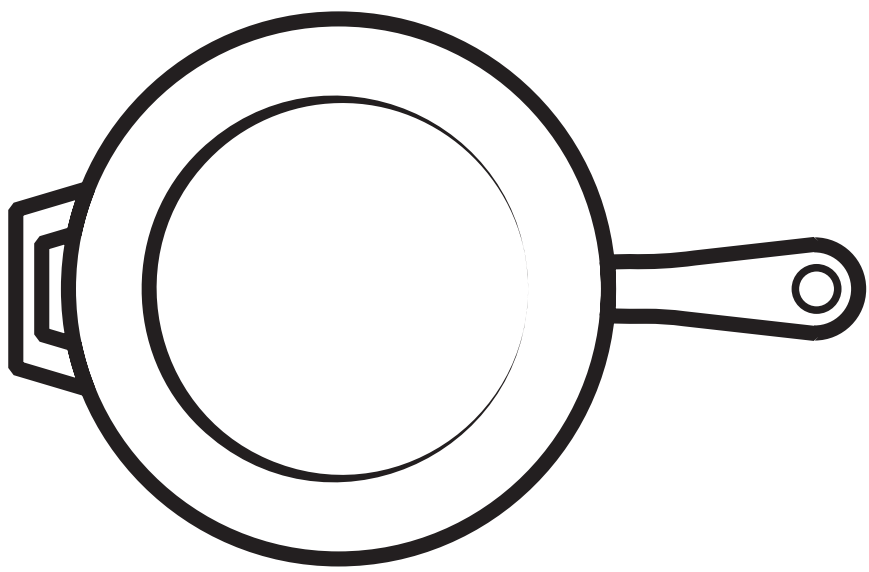
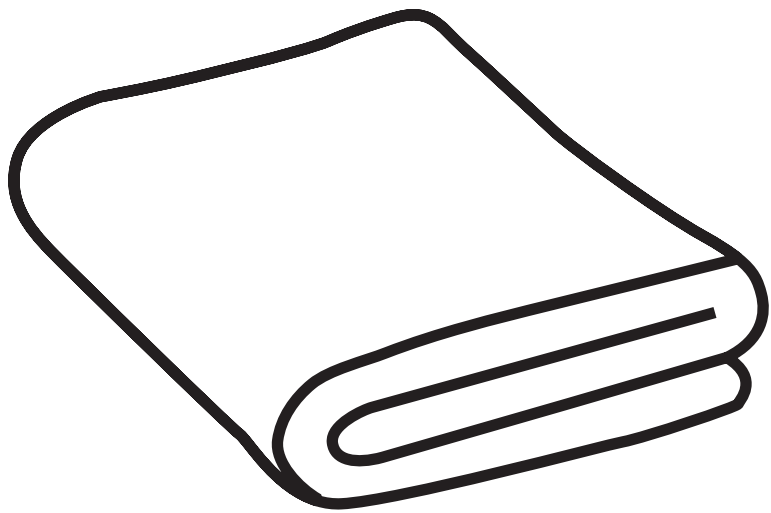
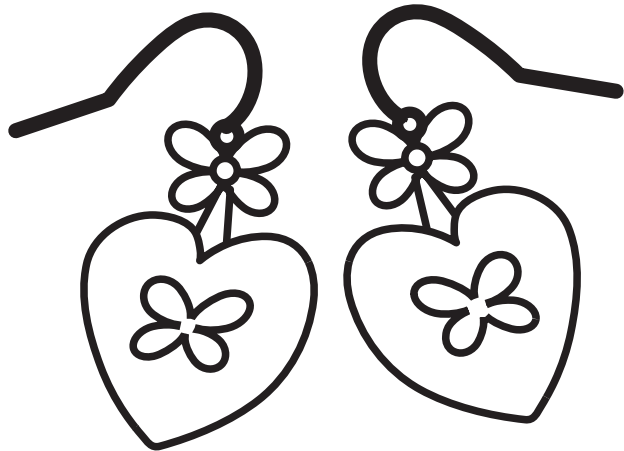


FIGURE 18

Source of MDF	USA
Country of manufacture	United Kingdom
Potential market	Houses, restaurants and hotels
Scale of production	Batch

Question 1(a)


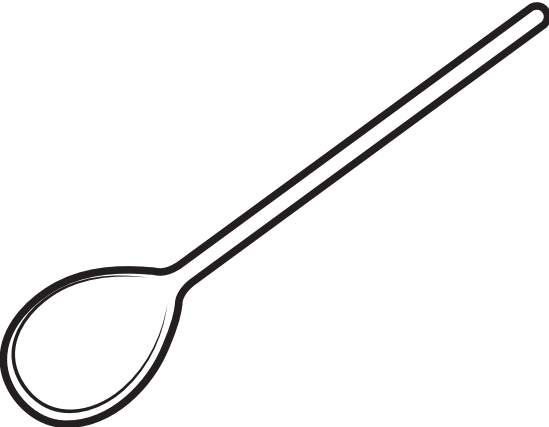
FIGURE 1

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(continued on the next page)

Turn over

1(a) continued.

	Copier paper	(iii) <hr/> (1 mark)
	Beech cooking spoon	(iv) <hr/> (1 mark)

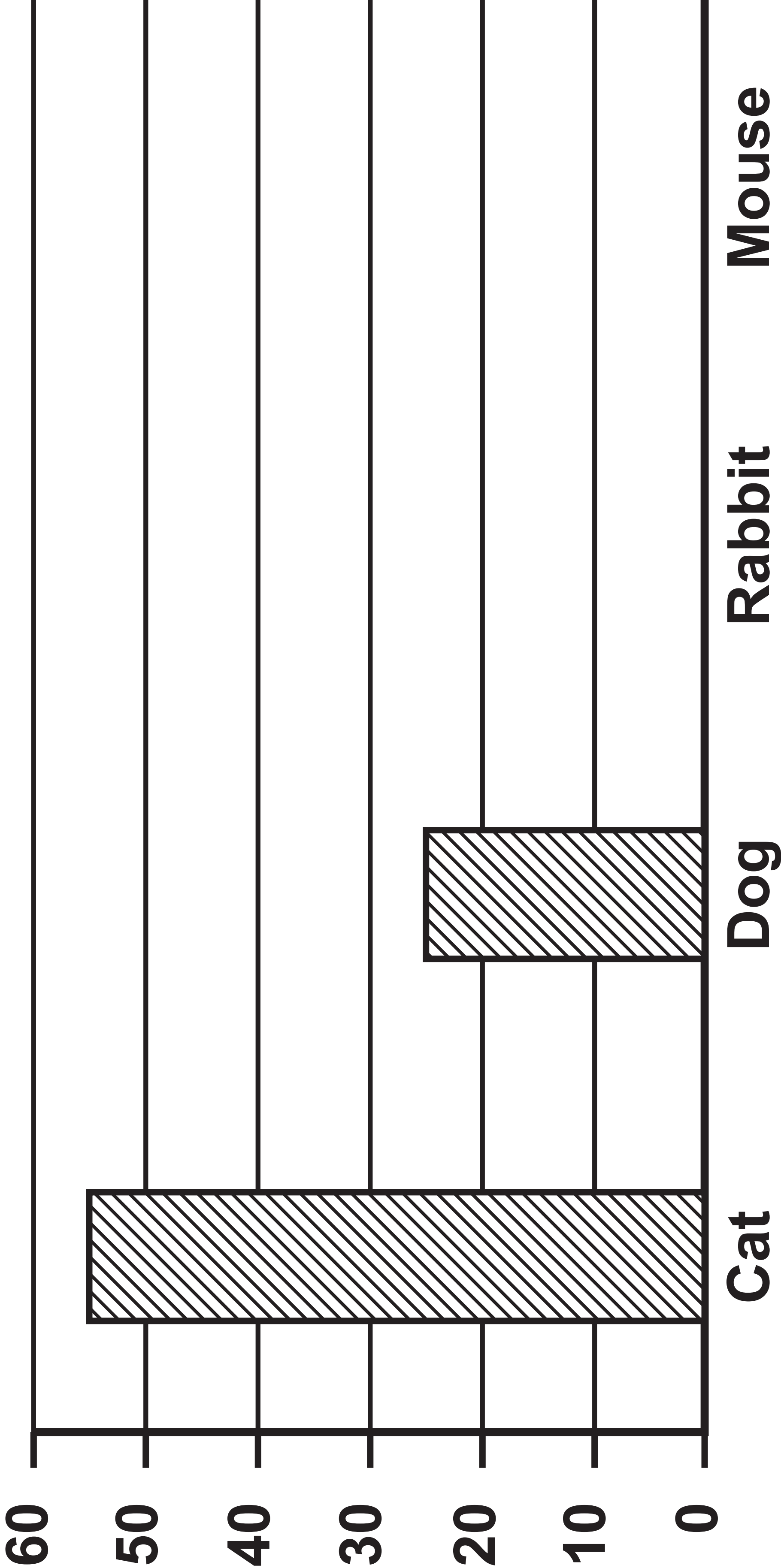
Question 2(d)

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Mouse	_____	5
TOTAL	300	100

Question 2(d)(ii)

FIGURE 4

Percentage of votes cast



Question 5(a) – outline diagram

