

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

Design and Technology
COMPONENT 1: Textiles

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)

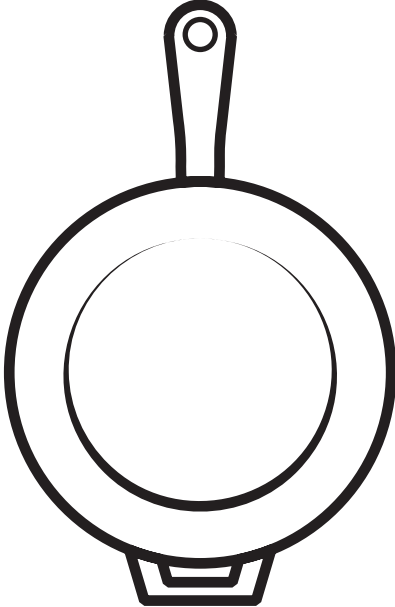
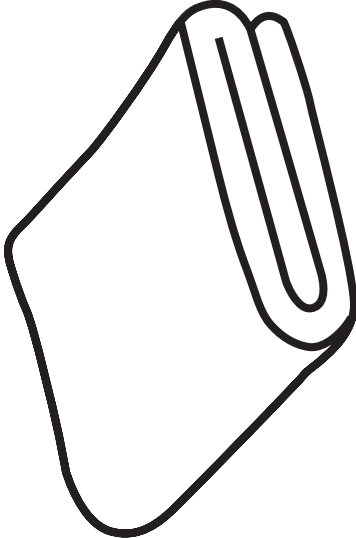
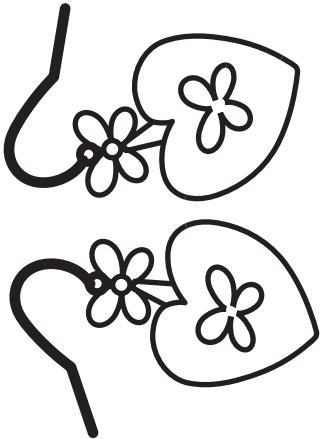
27 Question 2(d)(ii)

28–29 Question 5

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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)

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1(a) continued.

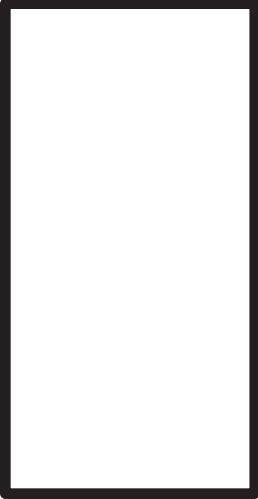
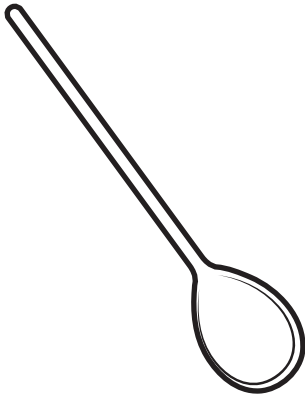
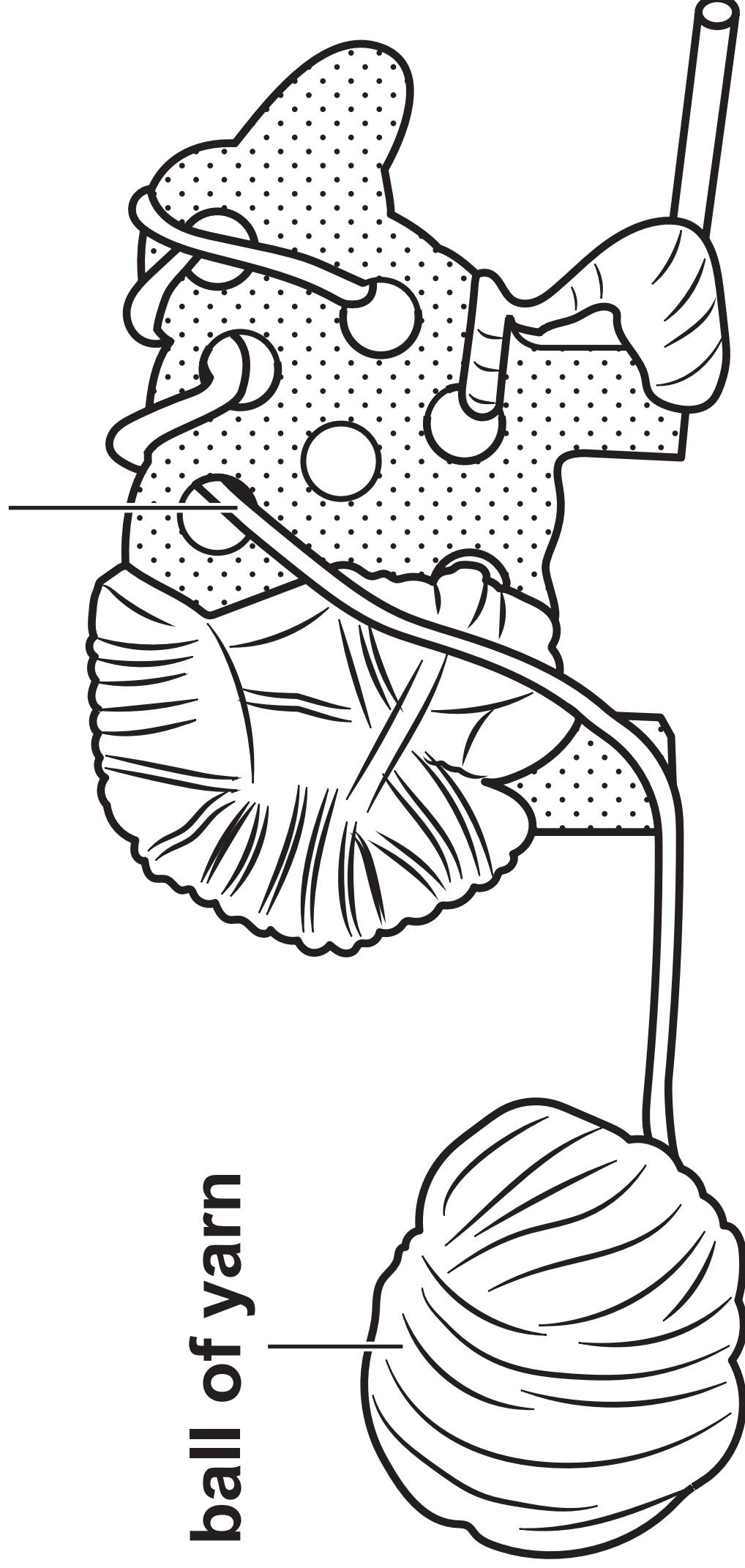
PICTURE OF PRODUCT	MATERIAL AND PRODUCT	PROPERTY
	Copier paper	(iii) _____ (1 mark)
	Beech cooking spoon	(iv) _____ (1 mark)

Figure 2

yarn threaded through the toy sheep

ball of yarn



Question 2(d)(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

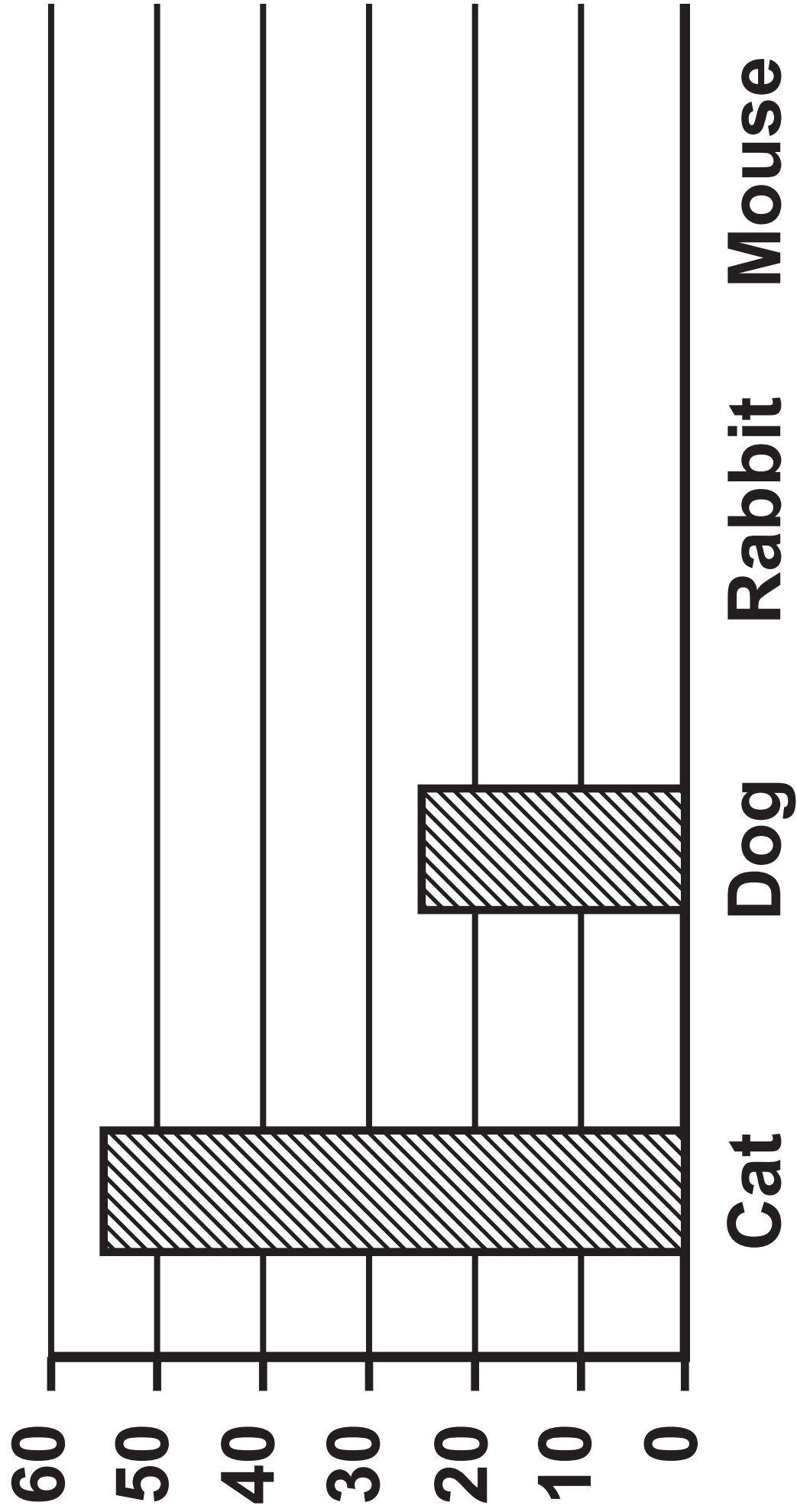


Figure 5

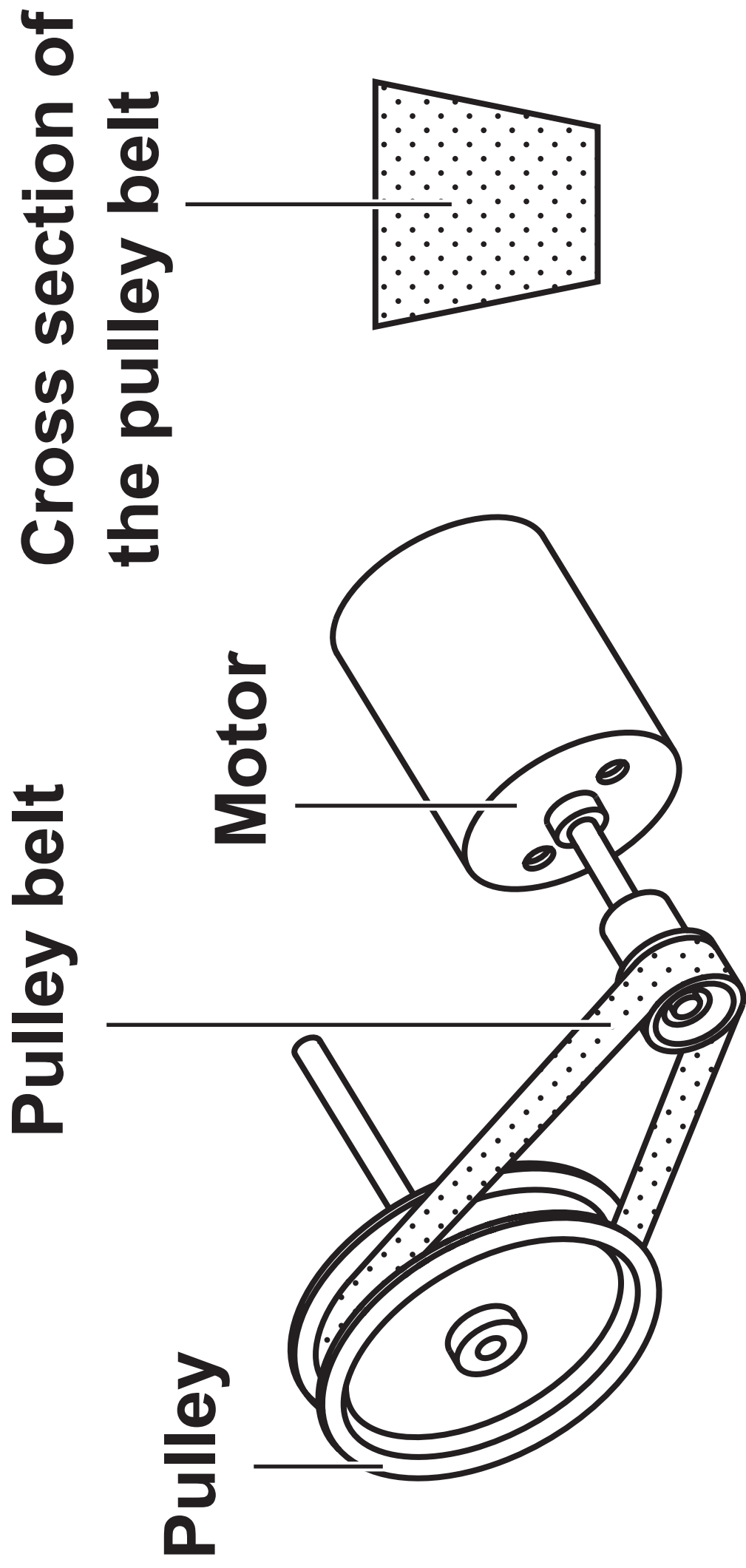
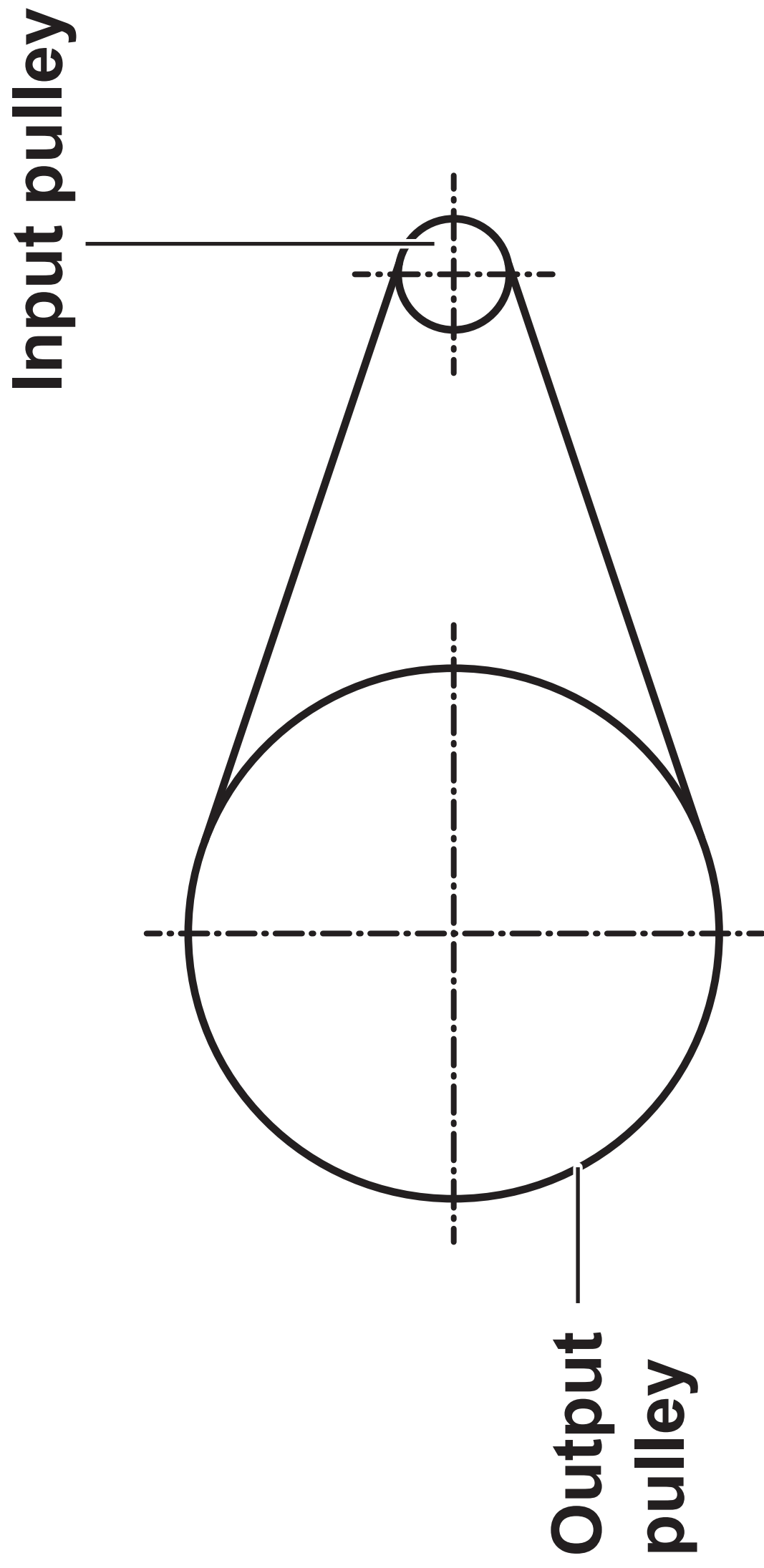
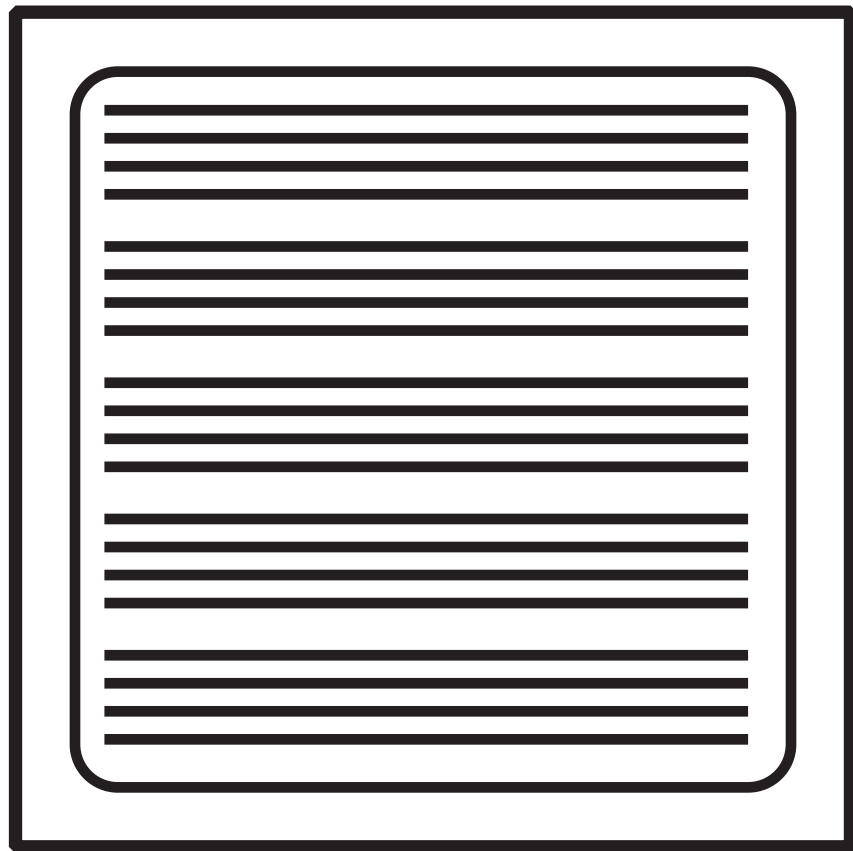


Figure 6



Question 3(d)

Figure 7



Question 3(e)

Figure 8

Frame for the boat

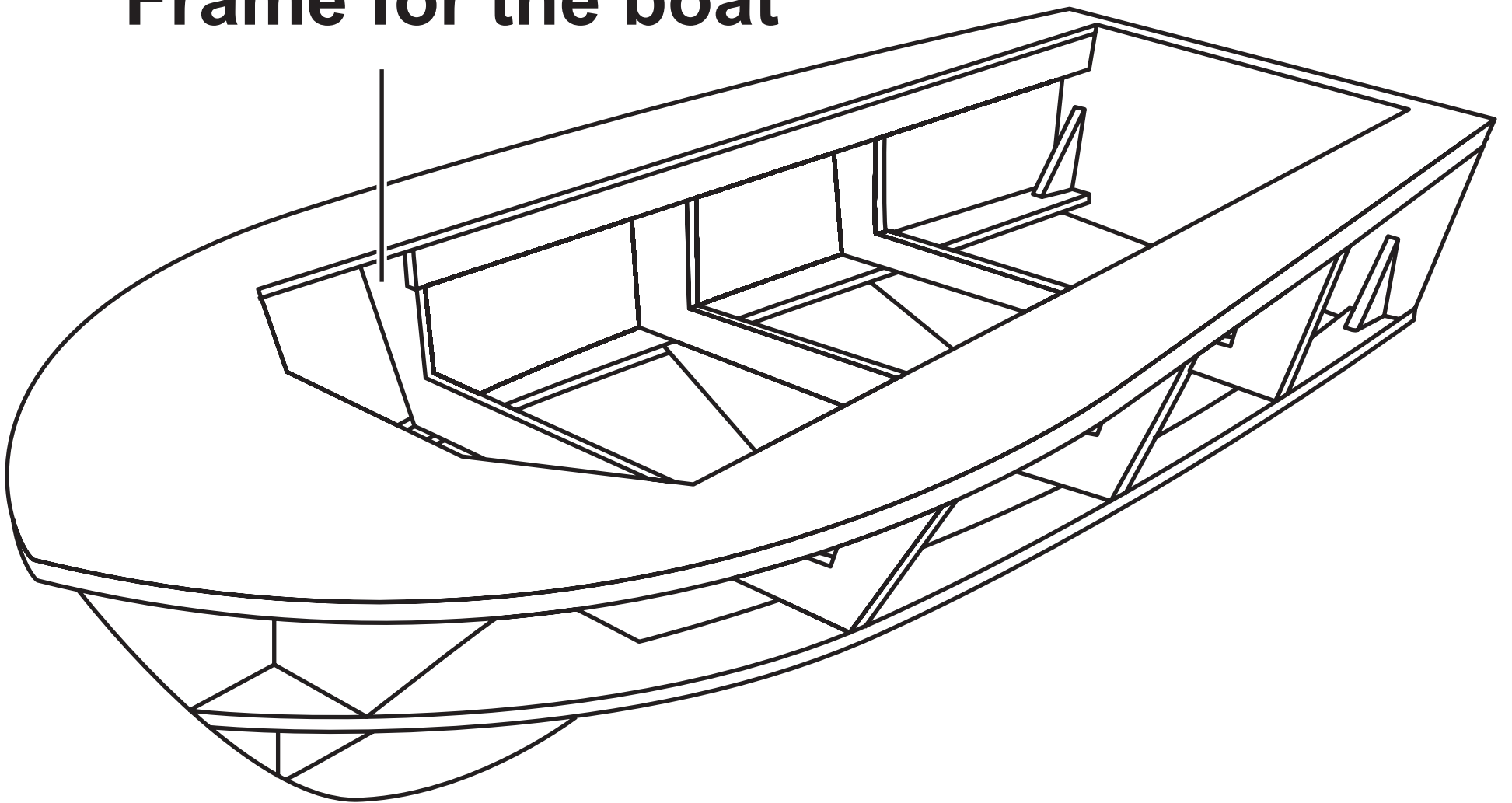
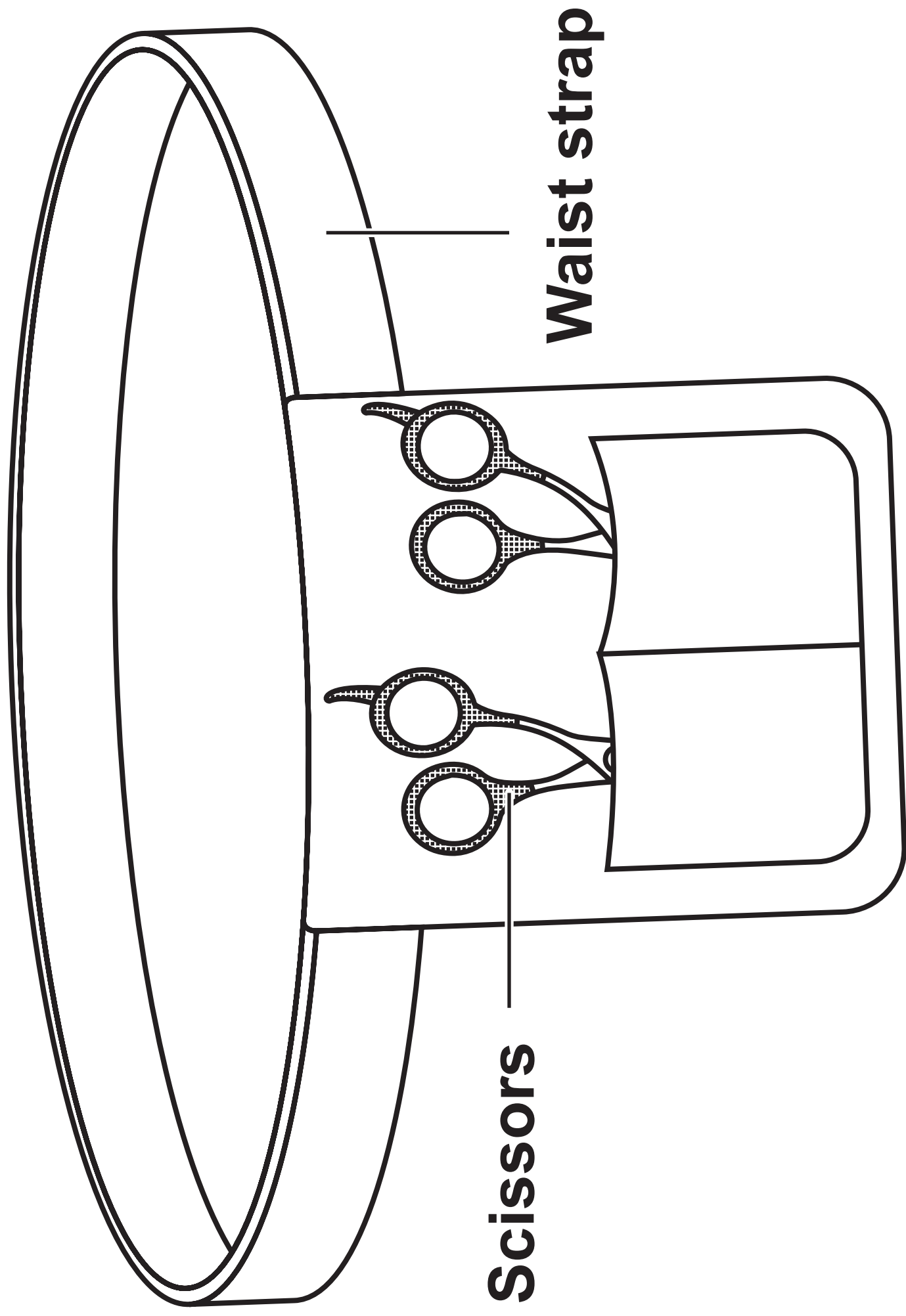


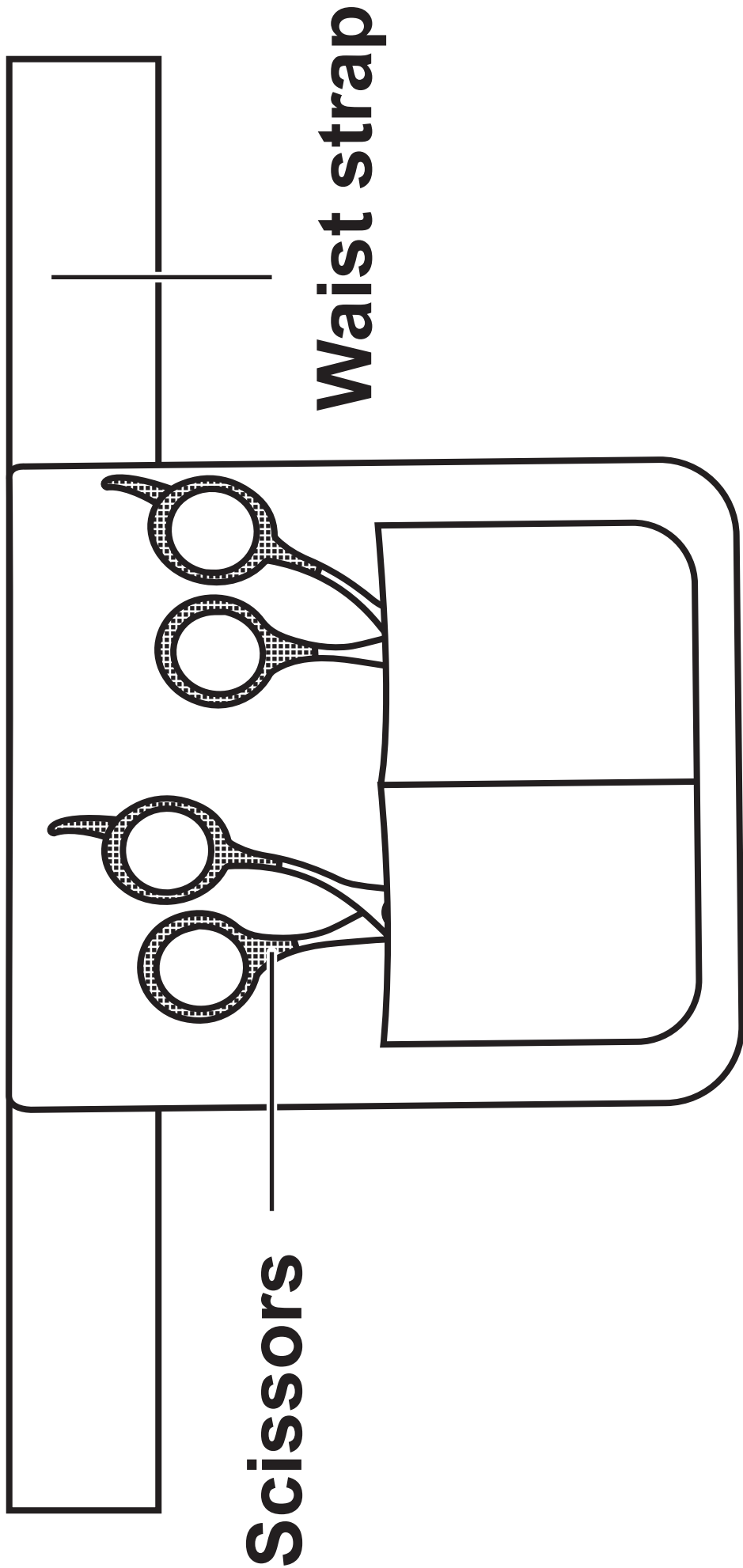
Figure 9



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Figure 9



Additional information:

Average waist size of an adult:	
Men	94 cm
Women	86 cm

Question 5(a)

outline of the original design solution

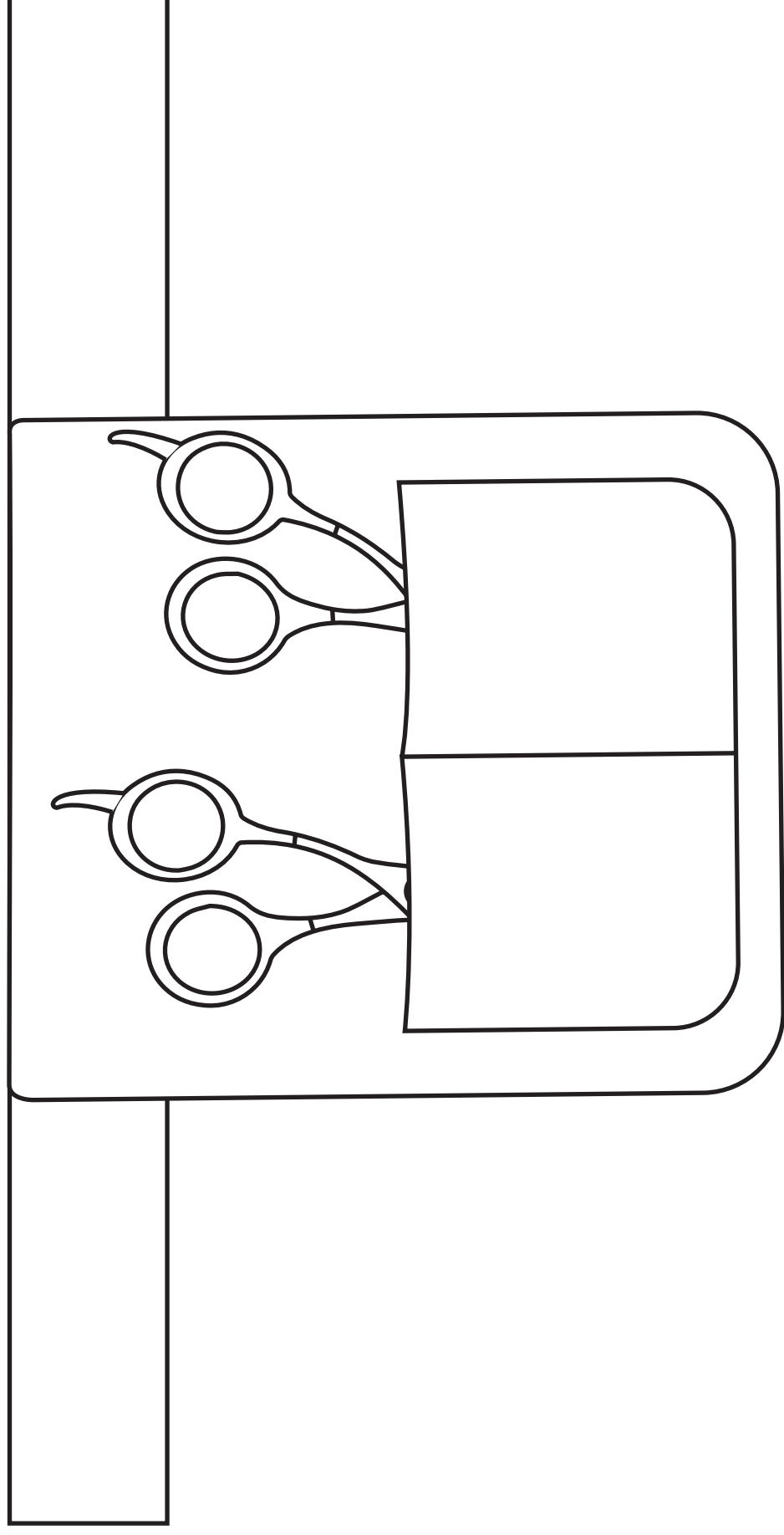
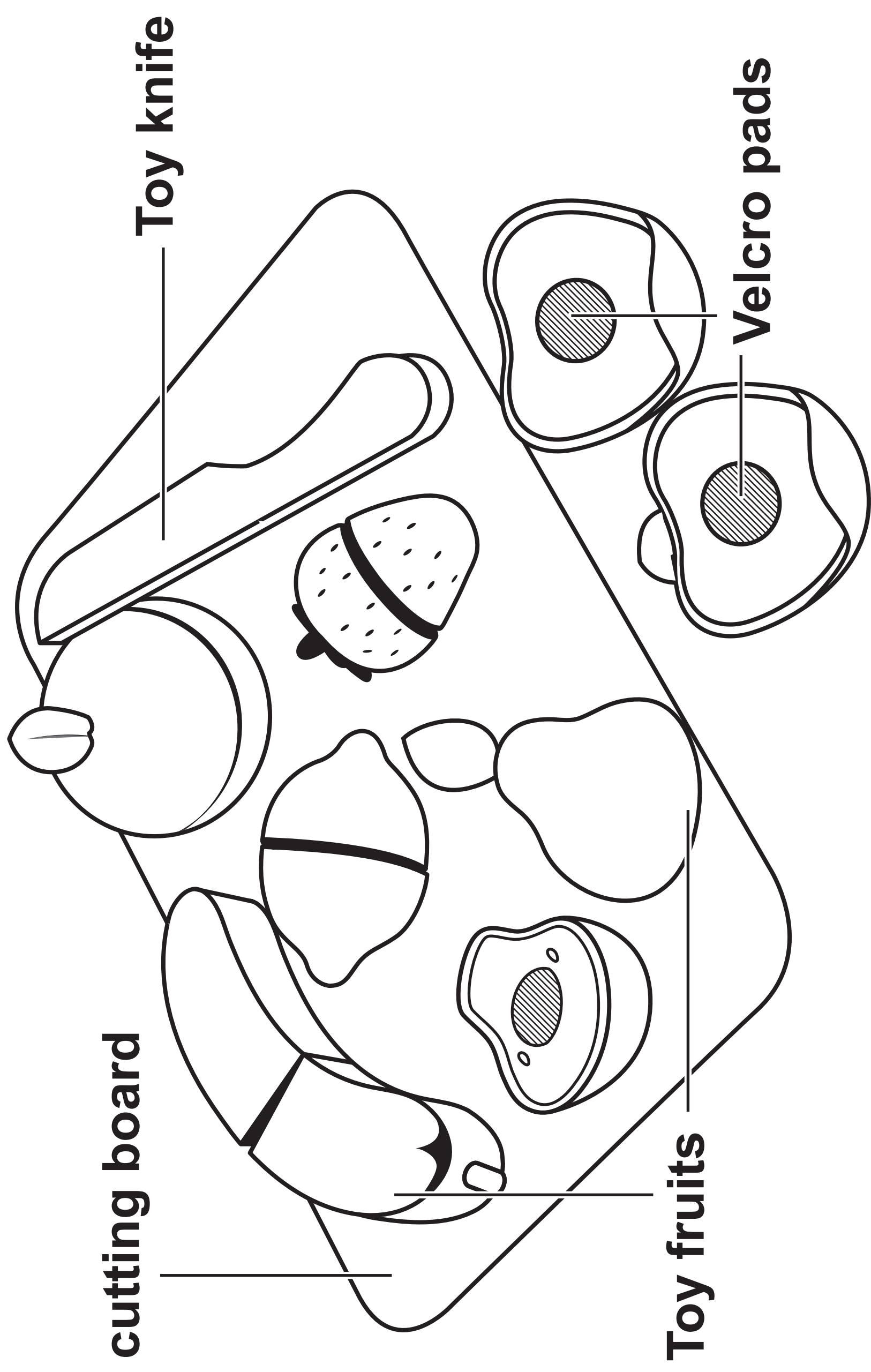
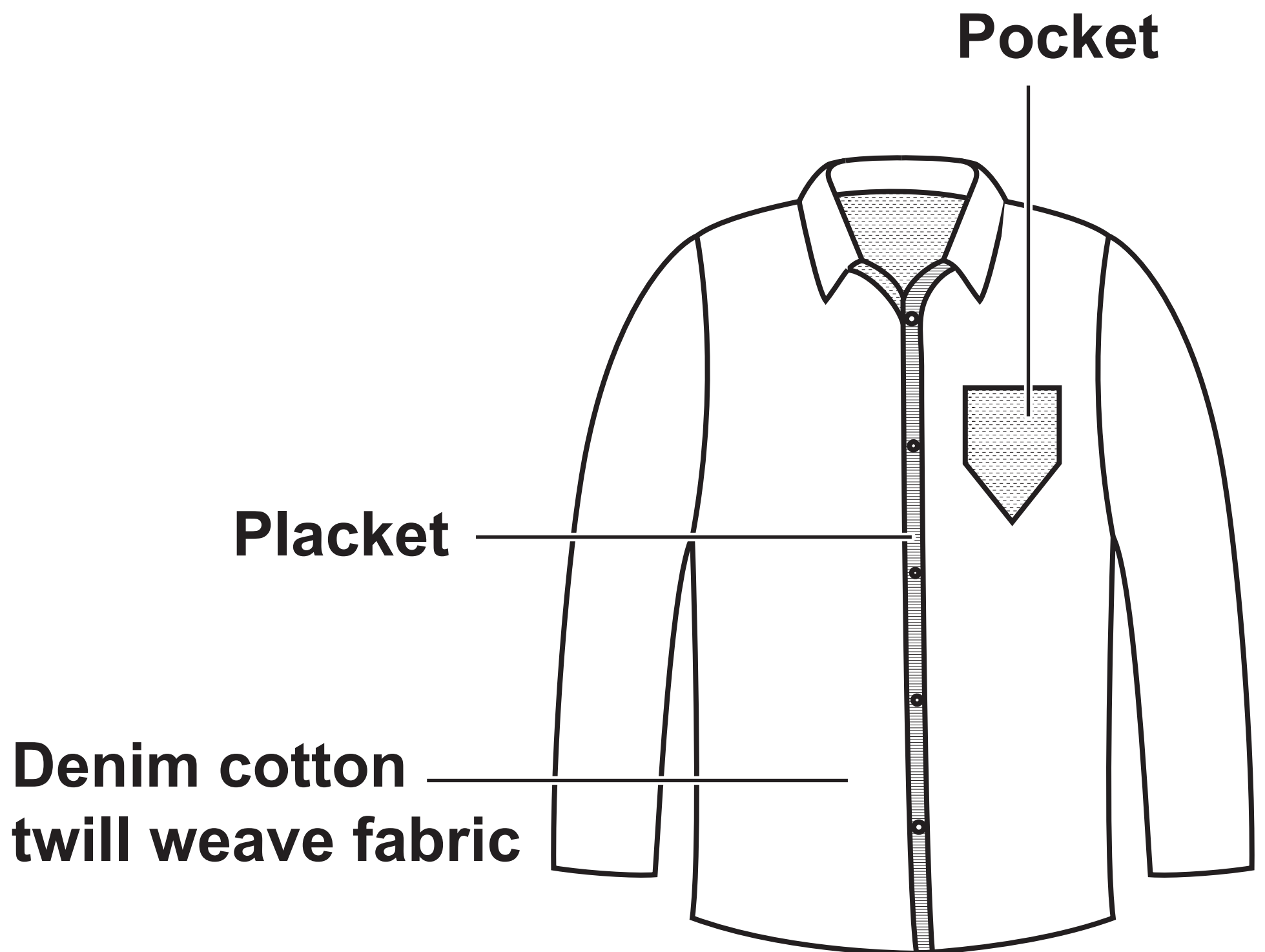


Figure 10



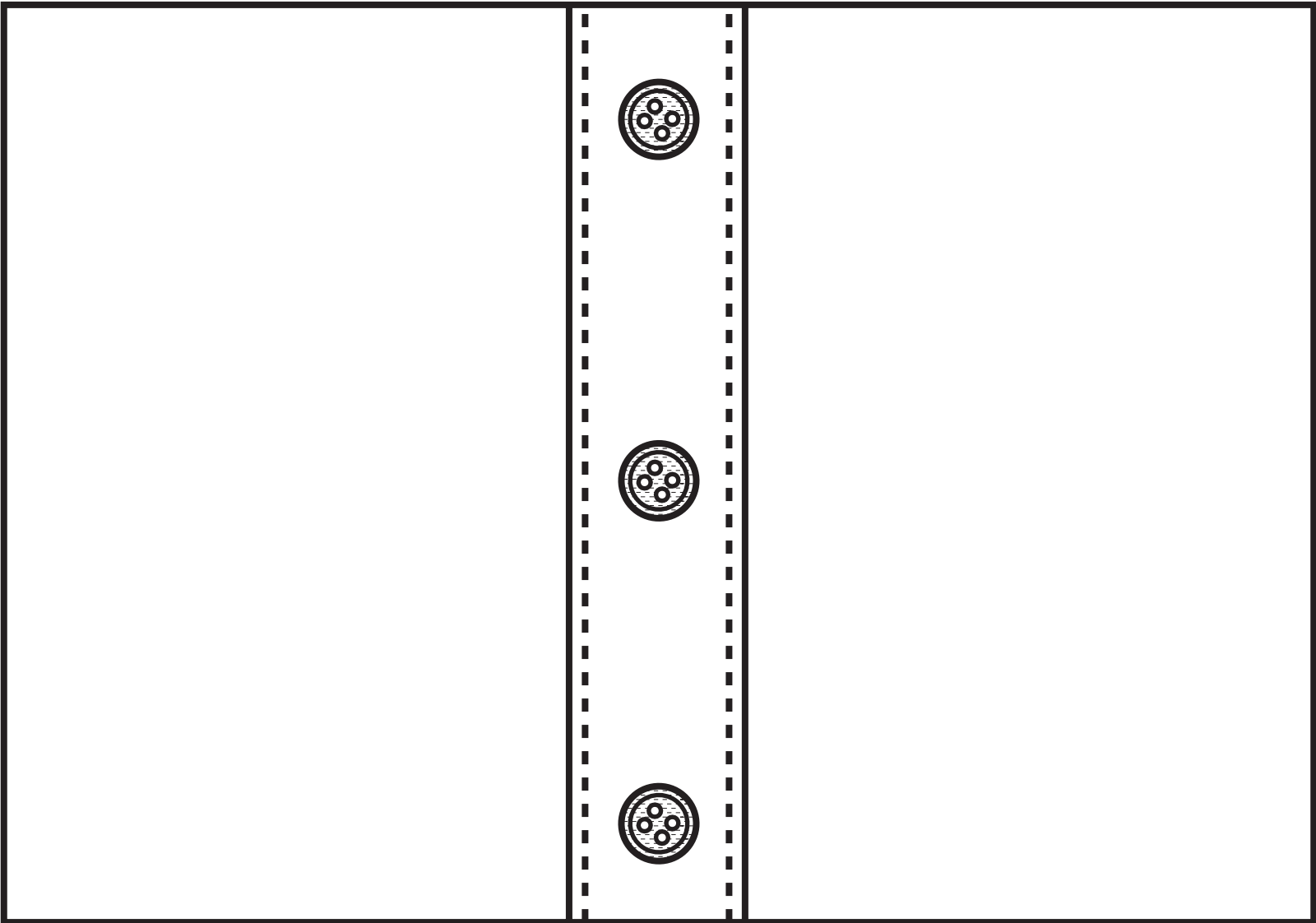
Question 6

Figure 11



Question 6(b)

Figure 12



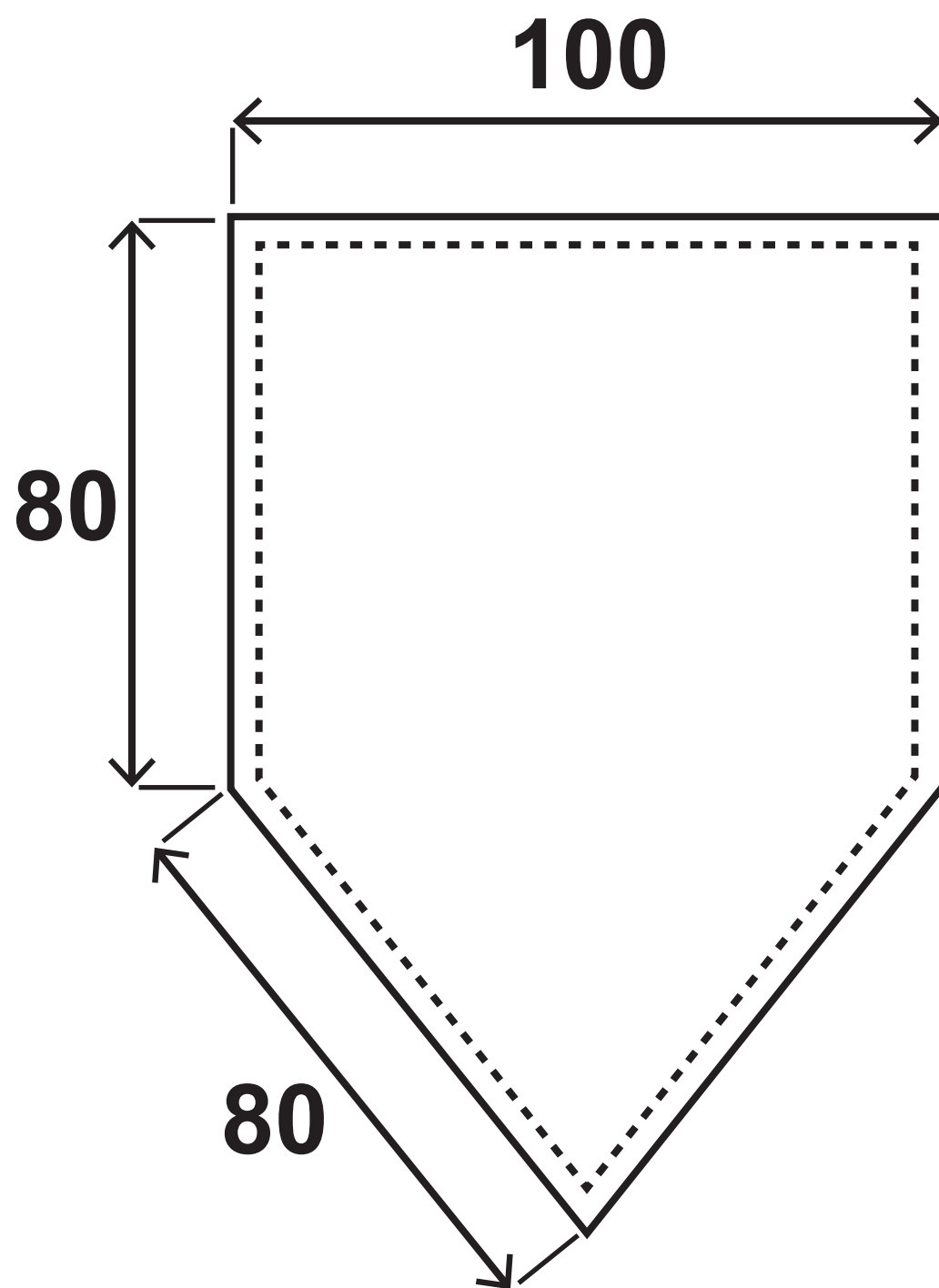
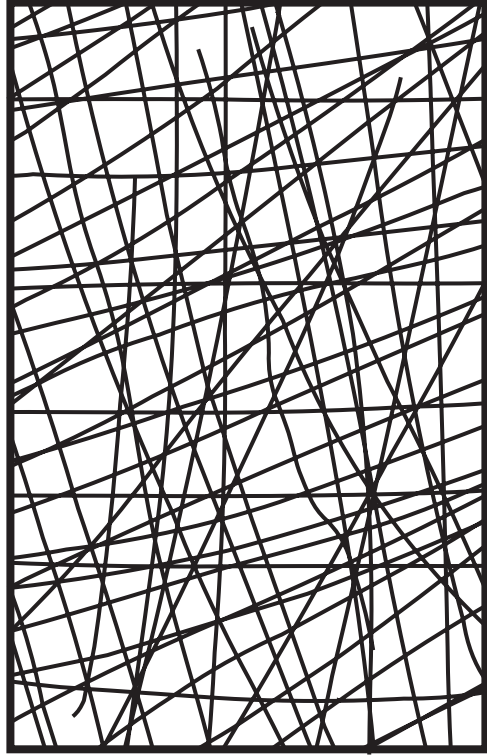
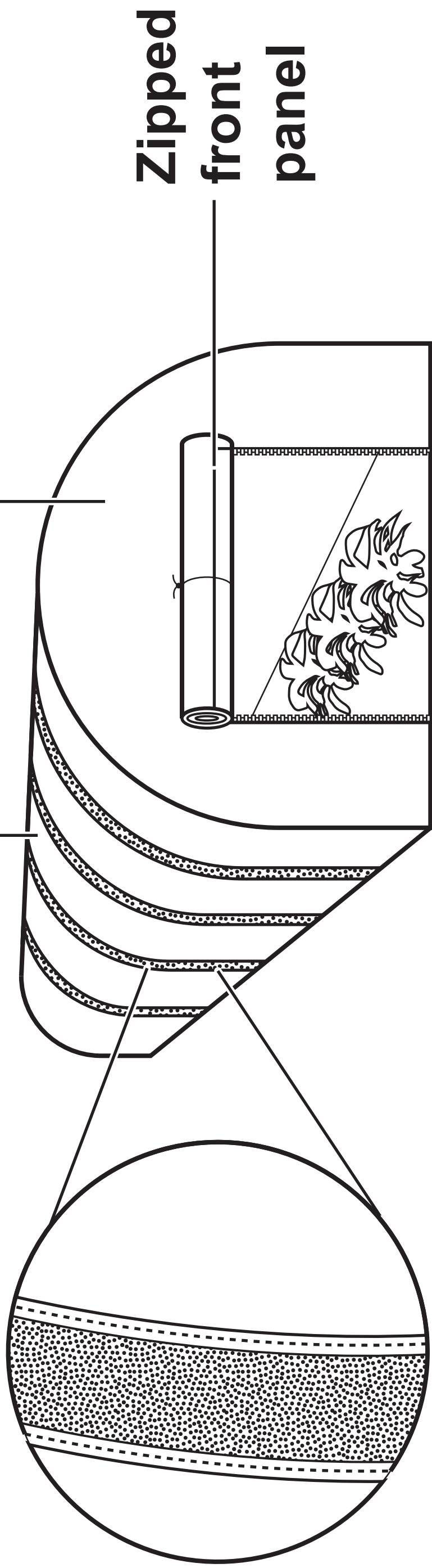
Question 6(d)**Figure 13****All dimensions in mm****Diagram not to scale**

Figure 14

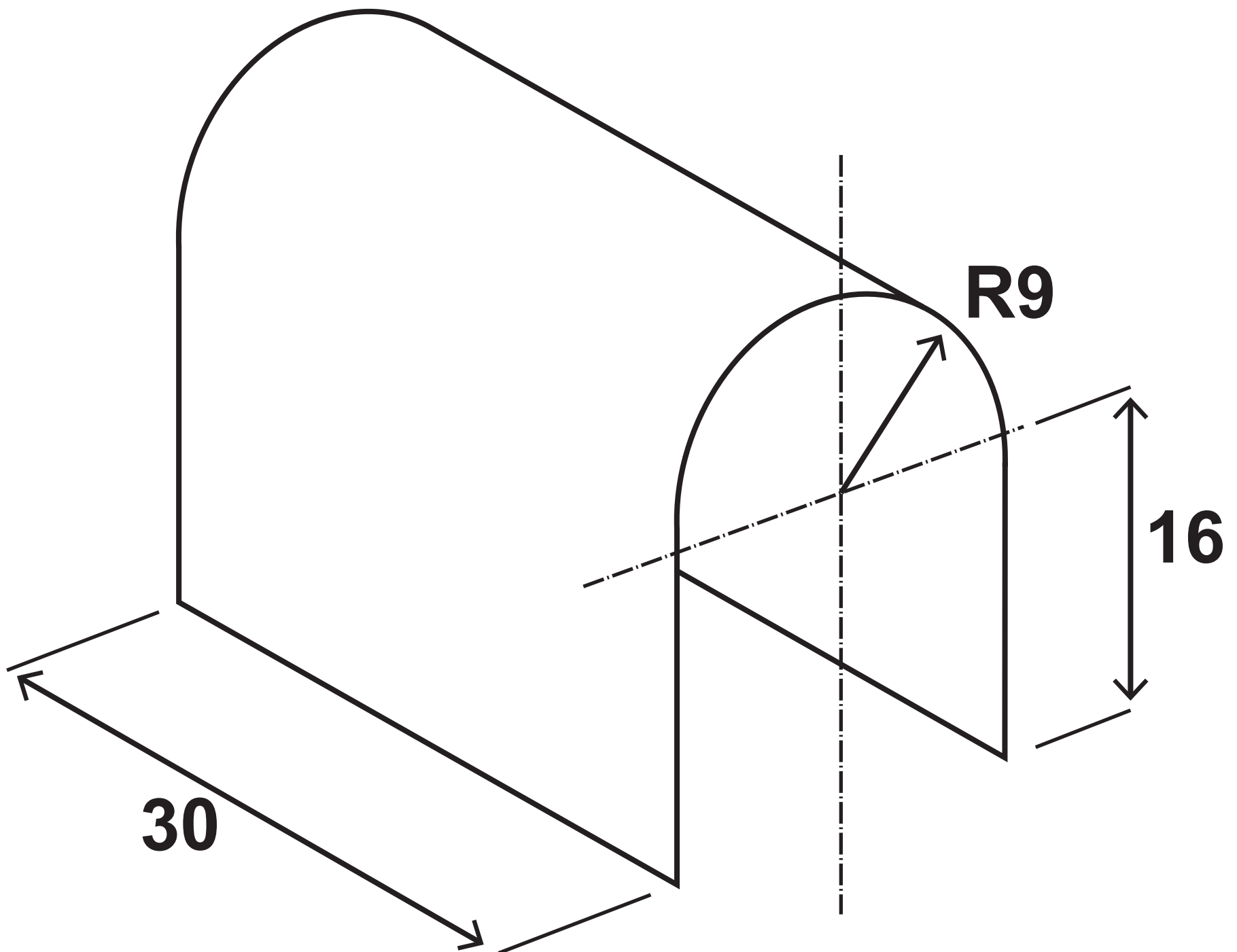
Exploded view of reinforcement technique

Roof curve

Non-woven bonded fabric

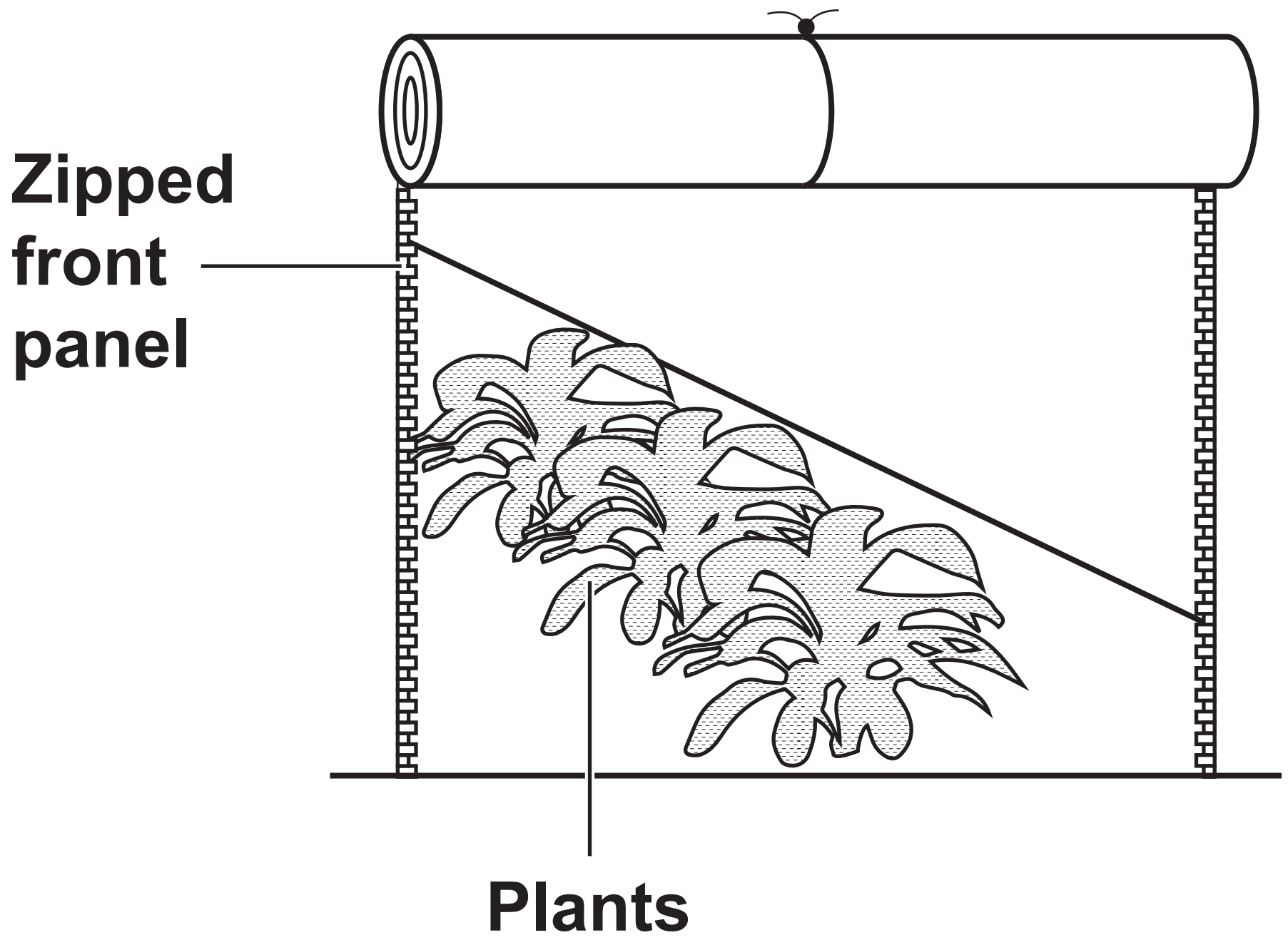


Close-up of non-woven bonded fabric

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

Question 7(d)

Figure 16

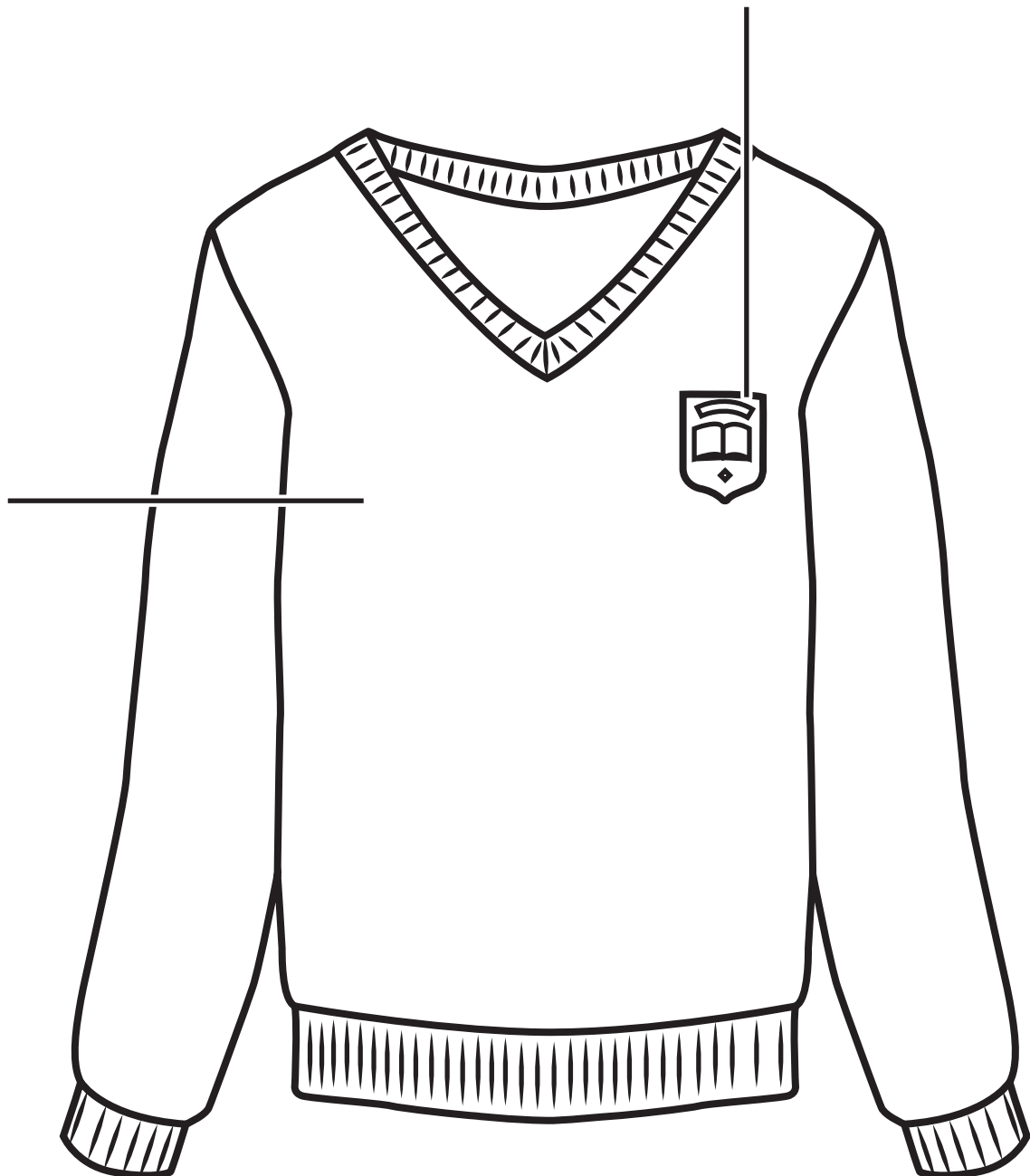


Question 8

Figure 17

**Sewn-on
embroidered badge**

**Weft knitted
acrylic fabric**



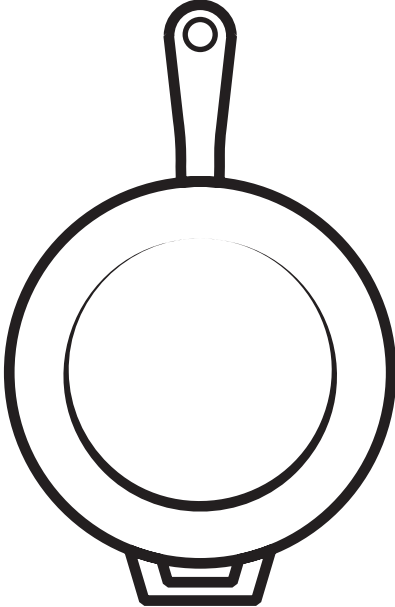
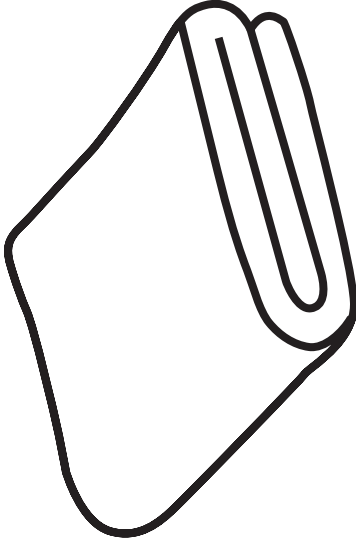
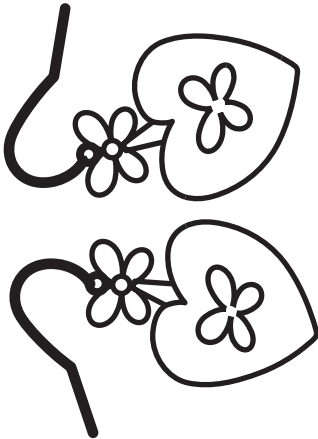
Question 8(d)

Figure 18

Source of acrylic fibres	China
Country of manufacture	United Kingdom
Potential market	Schoolchildren
Scale of production	Batch

Question 1(a)

Figure 1

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1(a) continued.

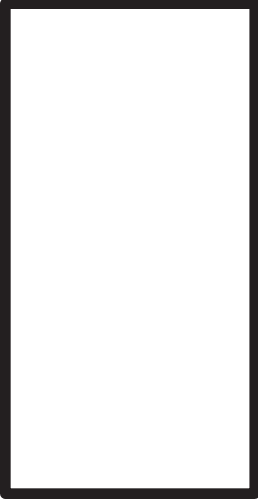
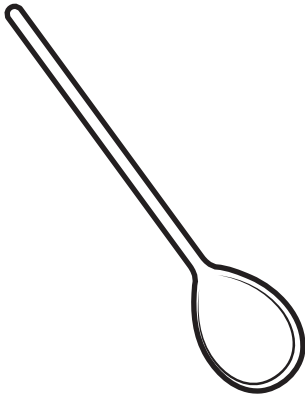
PICTURE OF PRODUCT	MATERIAL AND PRODUCT	PROPERTY
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Figure 4

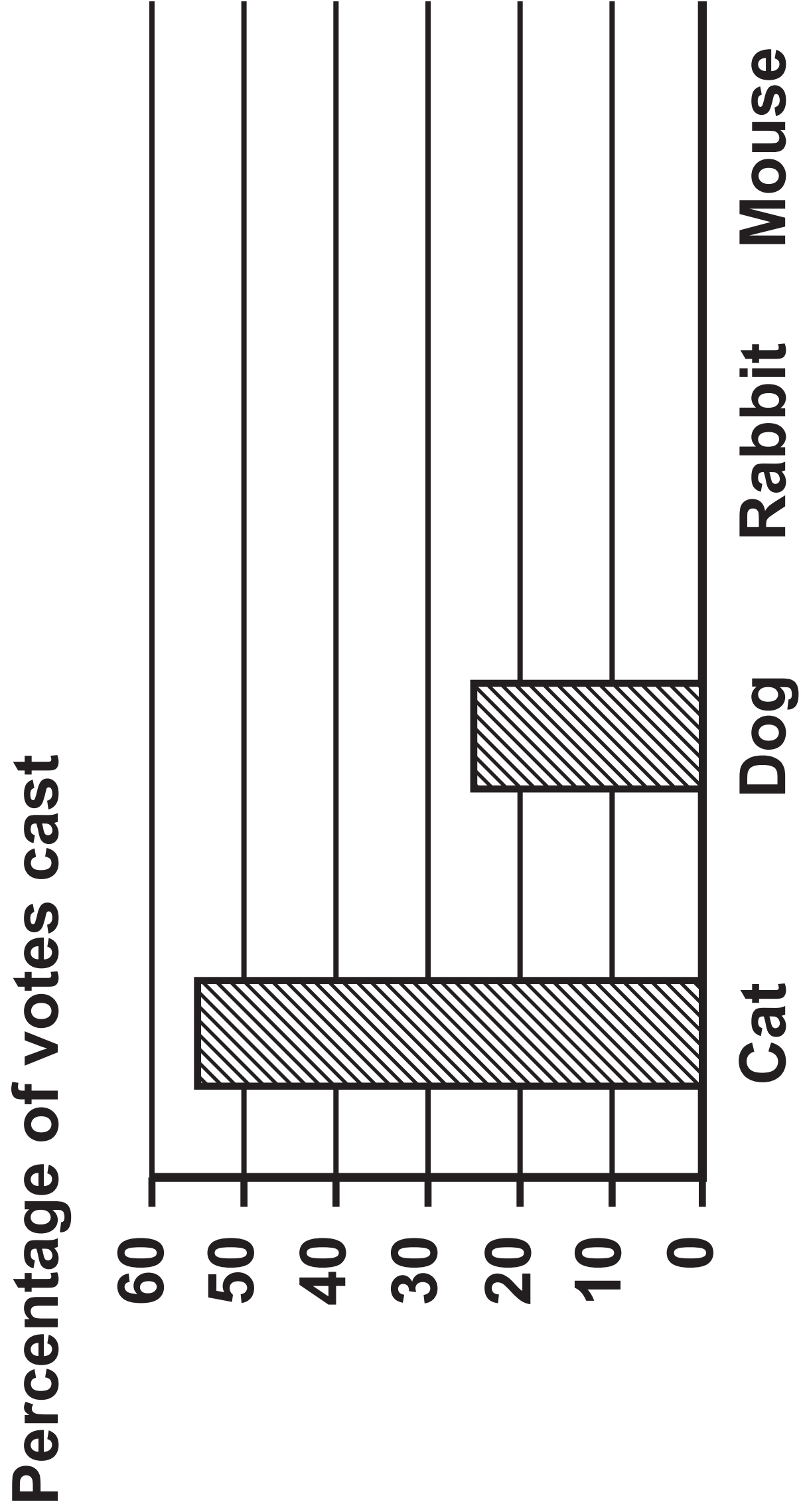
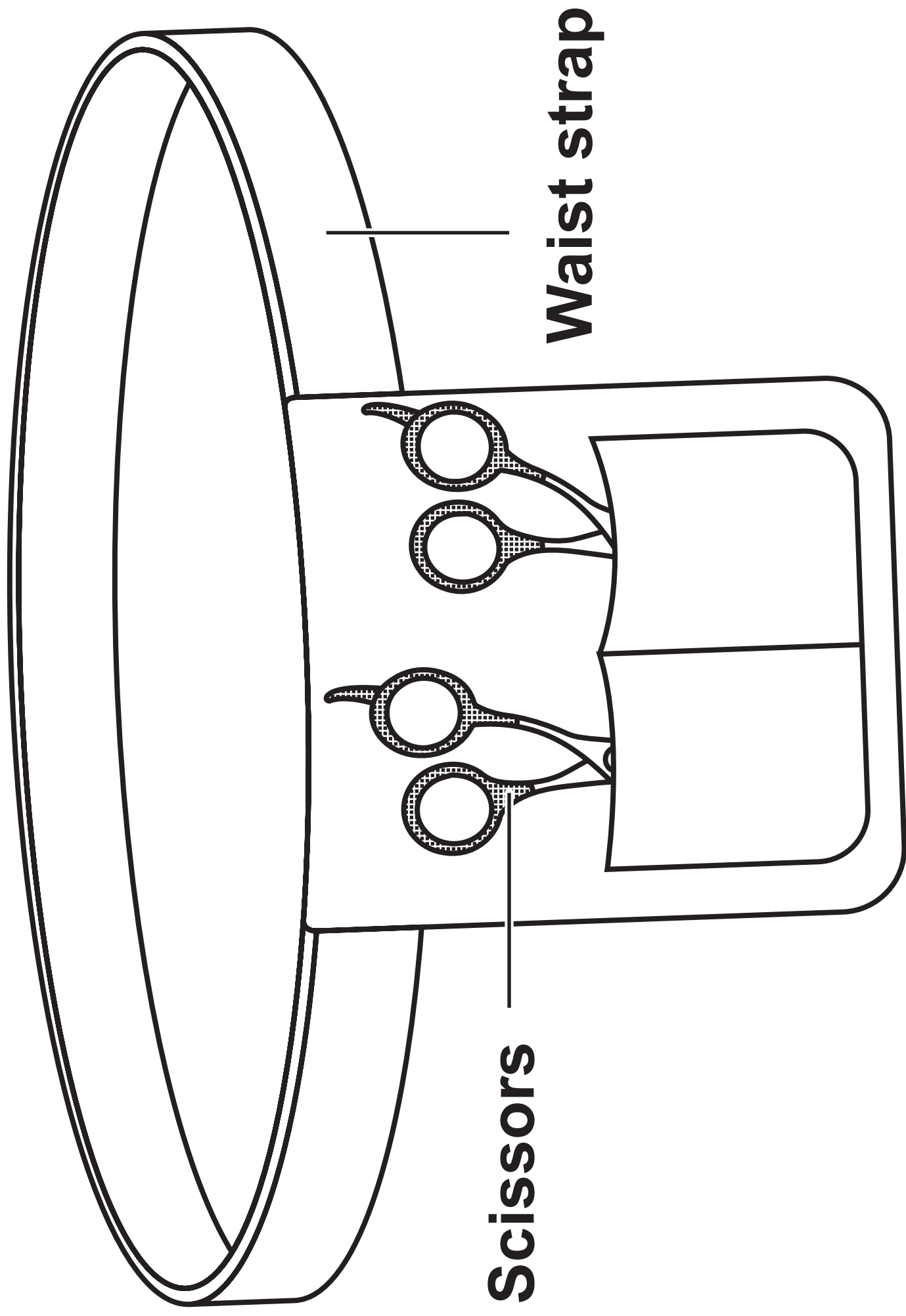


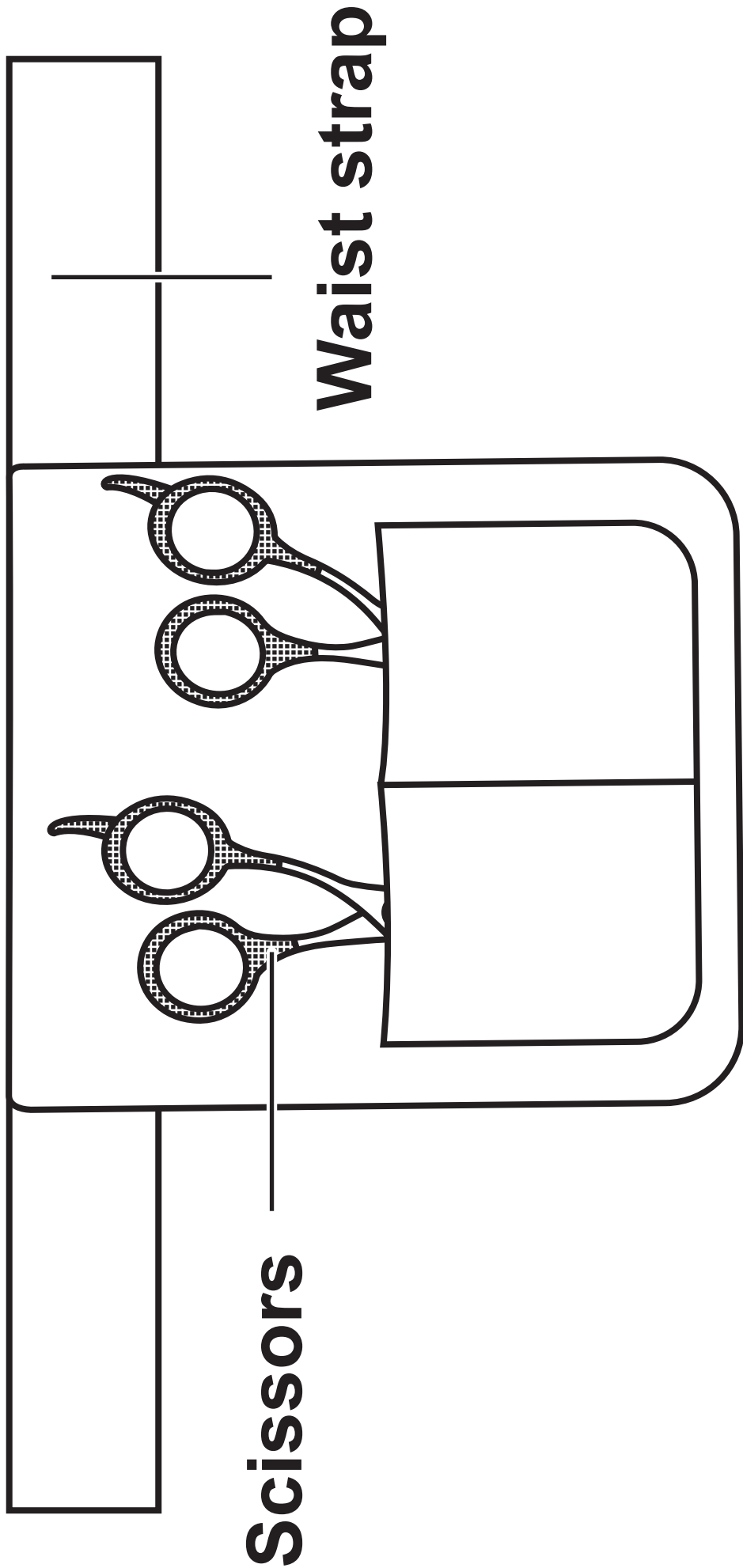
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(continued on the next page)

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