

Design and Technology  
COMPONENT 1: Timbers

Diagram Booklet

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.

**THIS DIAGRAM BOOKLET MUST BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.**

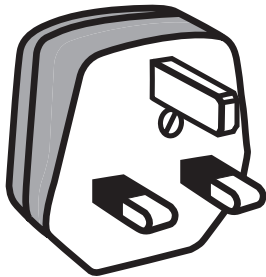
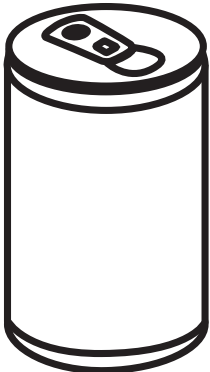
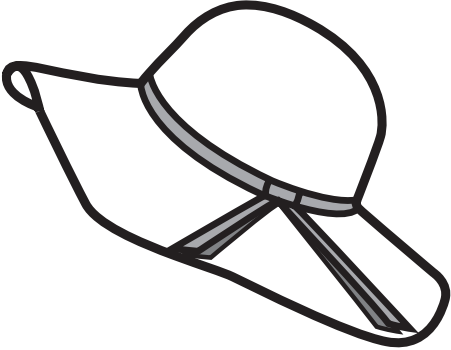

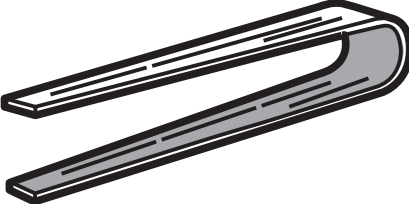
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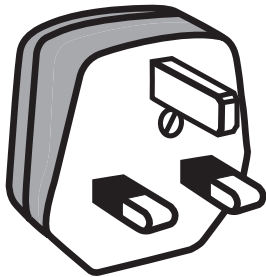
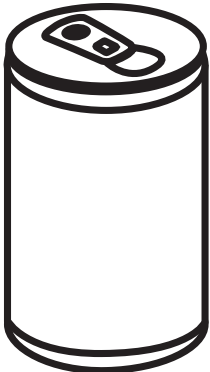
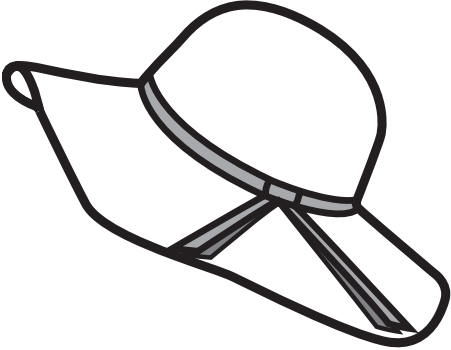

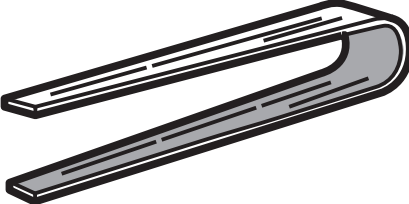
## Question 1(a)

FIGURE 1

Picture of product	Material and product	Property
	Urea formaldehyde 3-pin plug	Insulator of electricity
	Aluminium drinks can	(i) _____ (1 mark)
	Felted wool fabric hat	(ii) _____ (1 mark)
	Tracing paper	(iii) _____ (1 mark)
	Laminated plywood salad servers	(iv) _____ (1 mark)

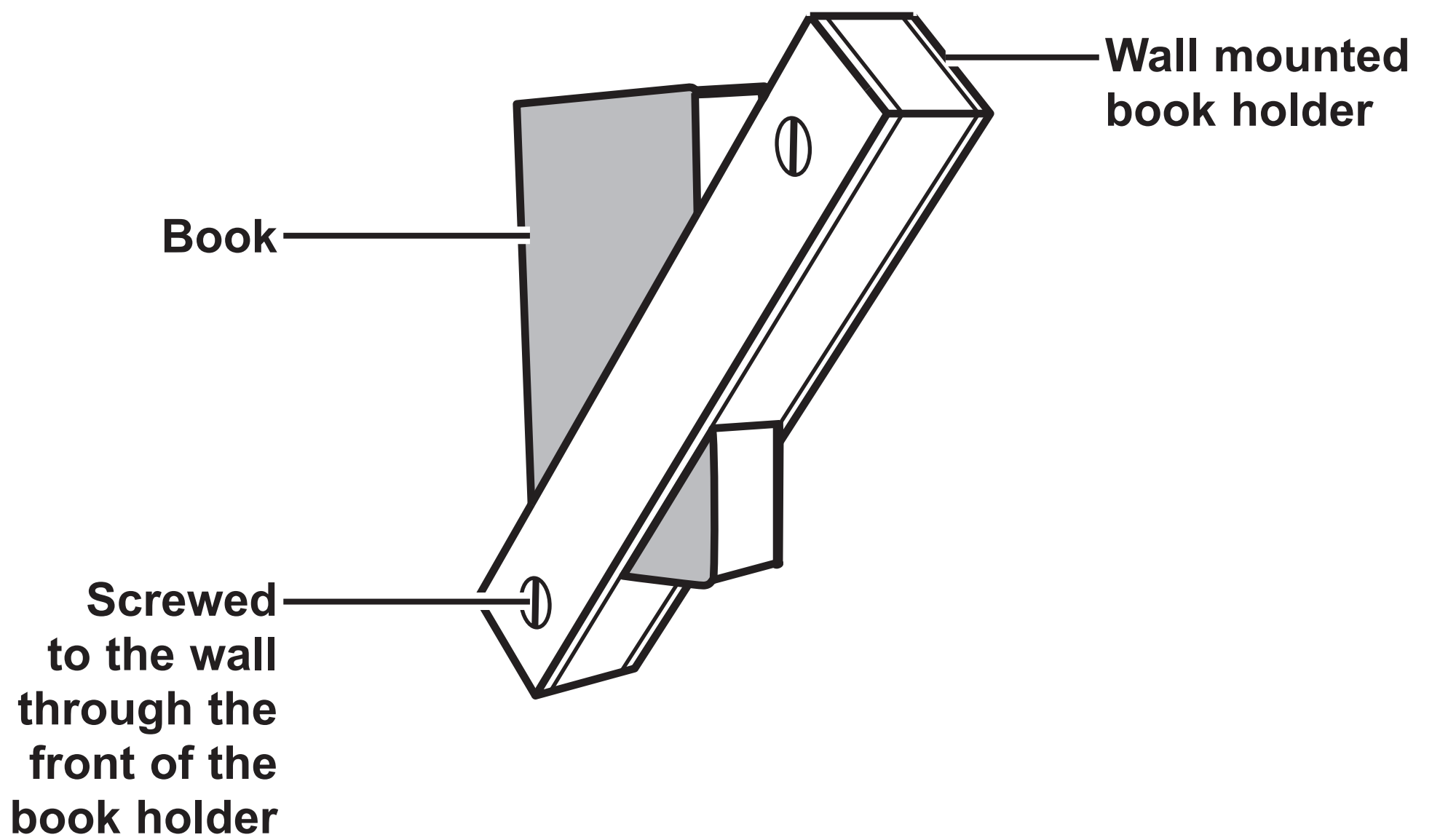
## Question 1(a)

FIGURE 1

Picture of product	Material and product	Property
	Urea formaldehyde 3-pin plug	Insulator of electricity
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	Tracing paper	(iii) _____ (1 mark)
	Laminated plywood salad servers	(iv) _____ (1 mark)

## Question 2

FIGURE 2

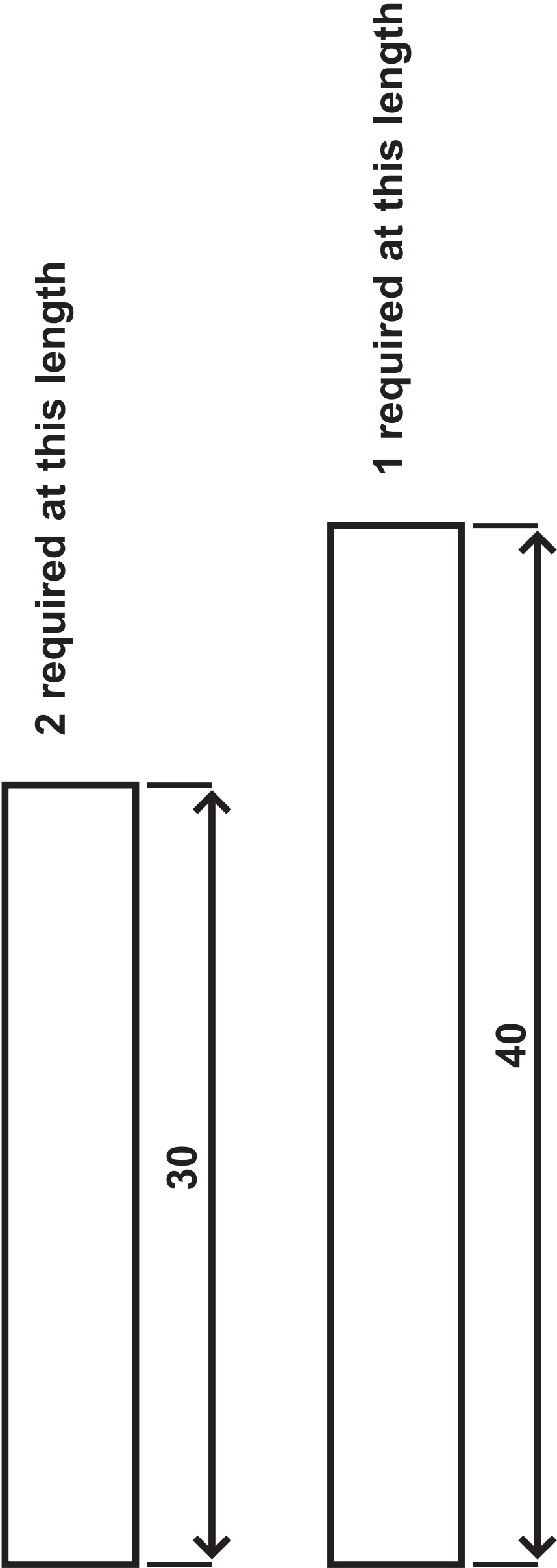


Question 2(d)

FIGURE 3

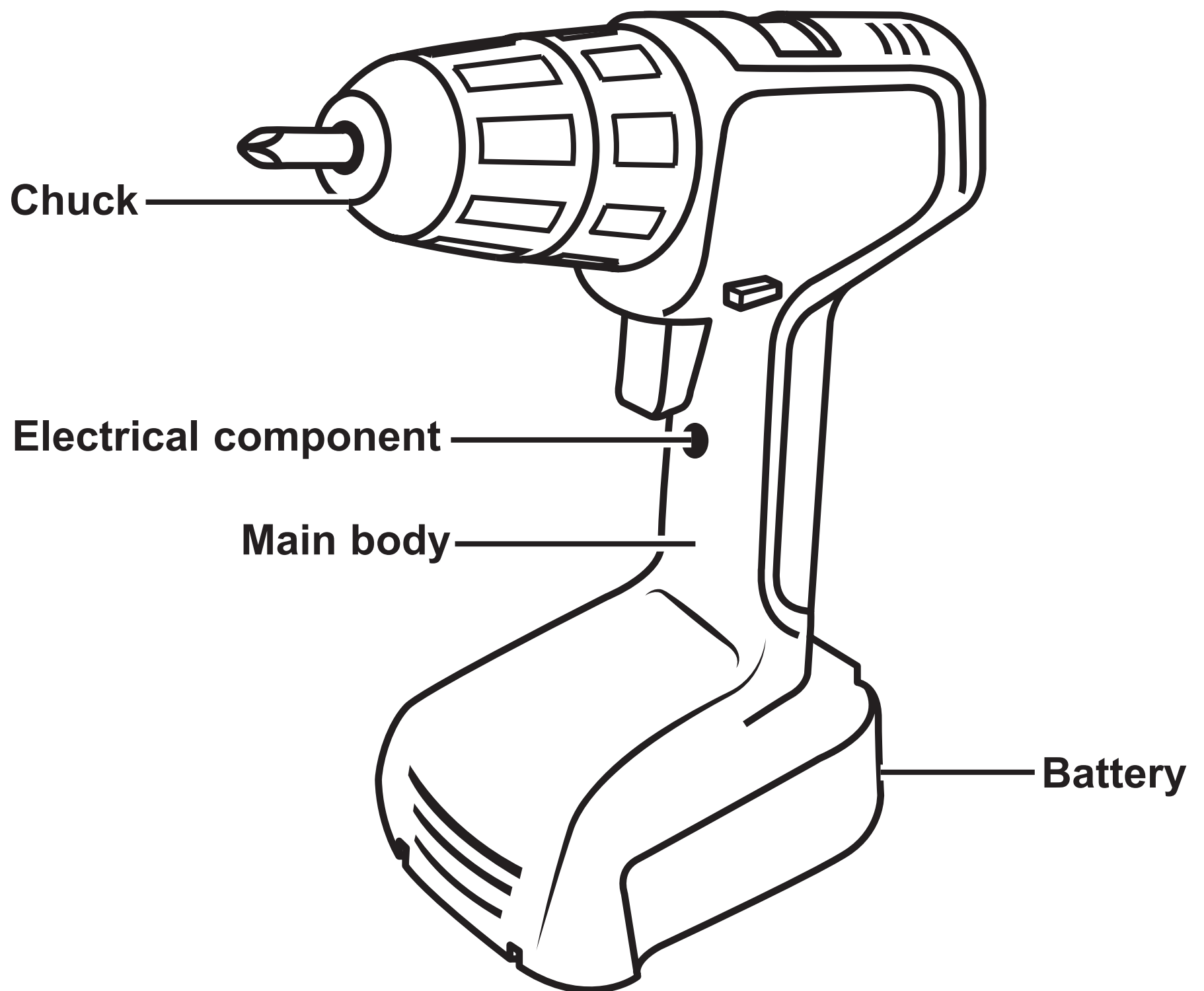
All dimensions in cm

Diagram not to scale

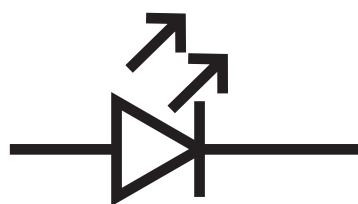


## Question 3

FIGURE 4



Circuit symbol for the electrical component

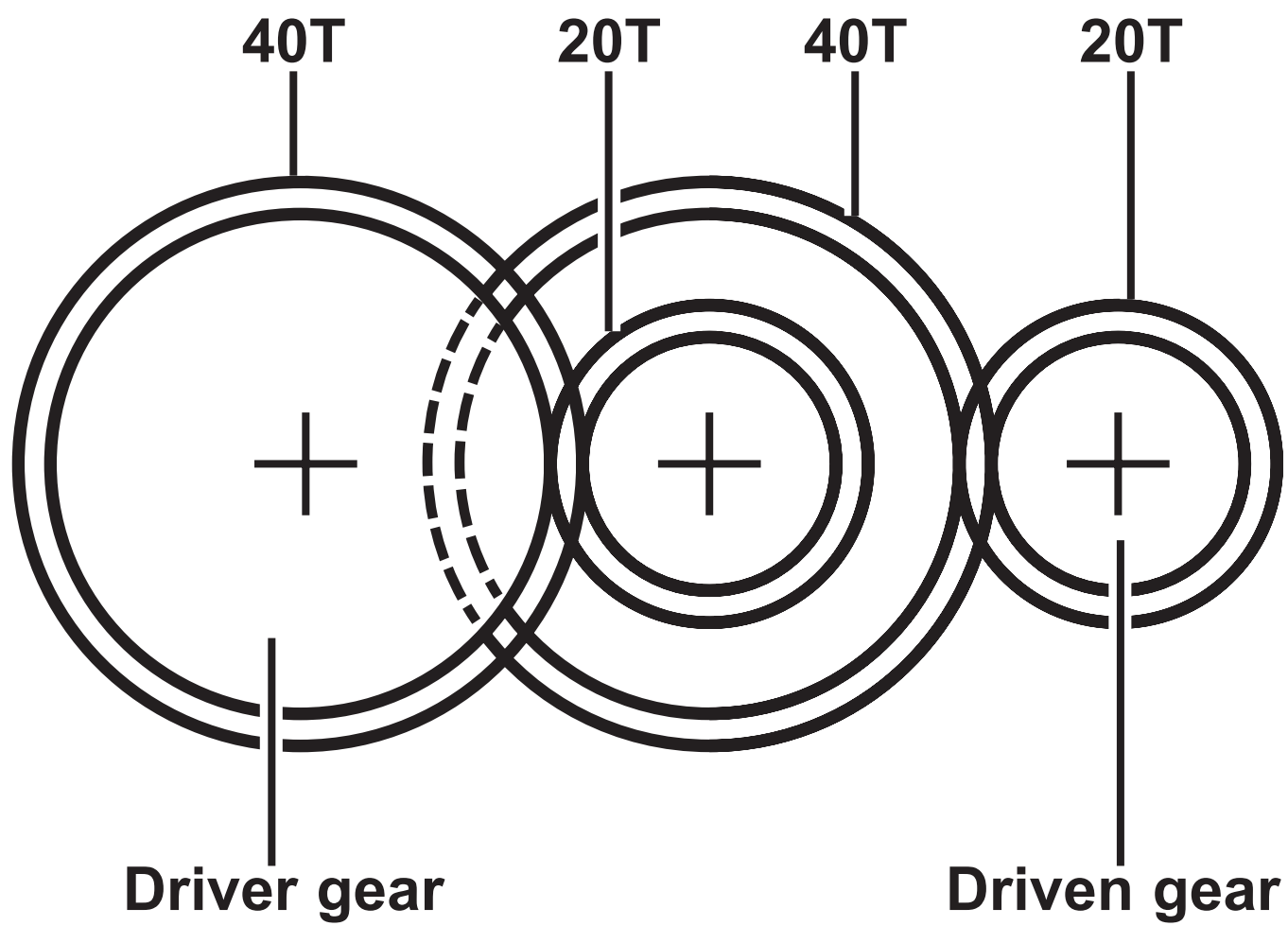




## Question 3(c)

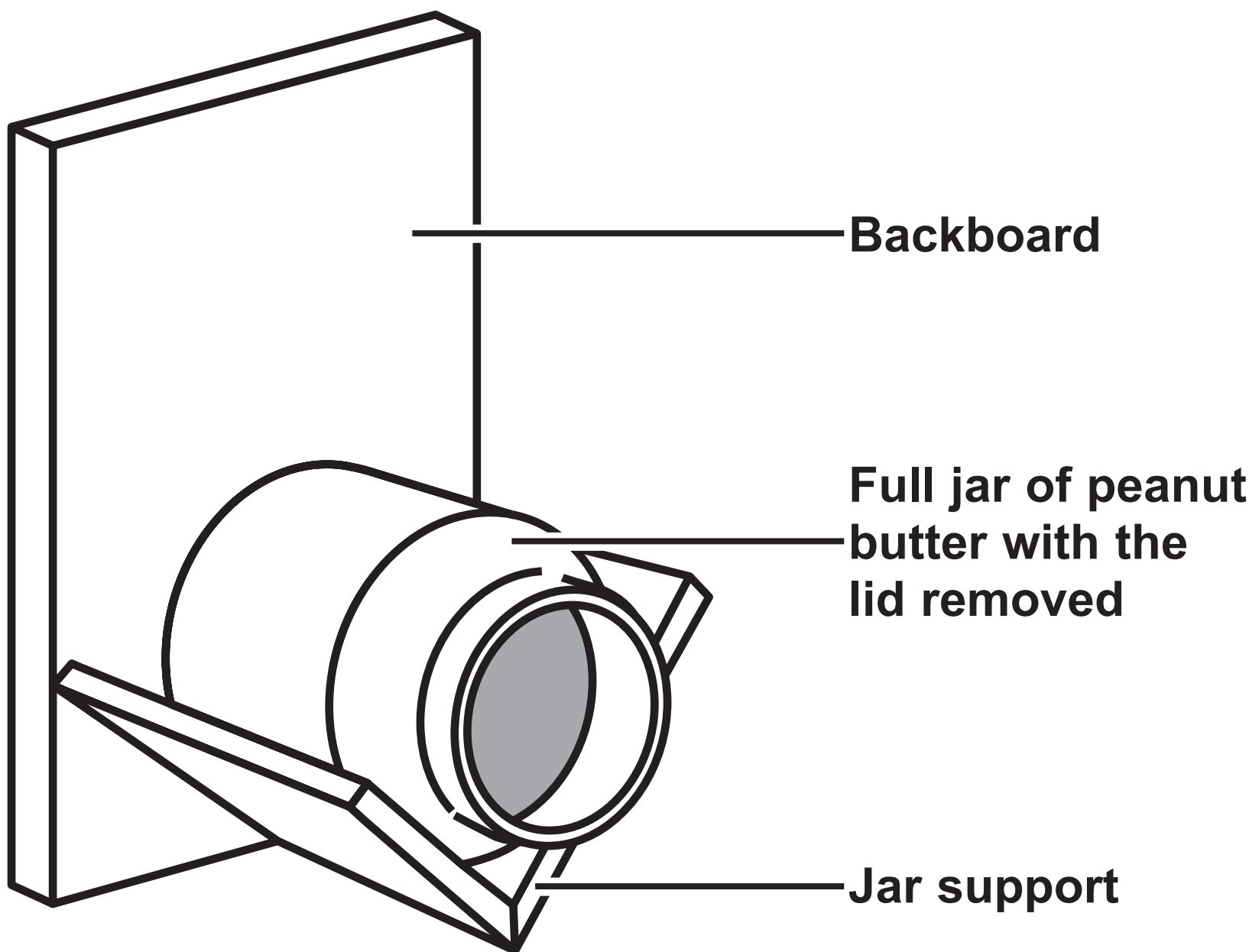
FIGURE 5

T = Teeth

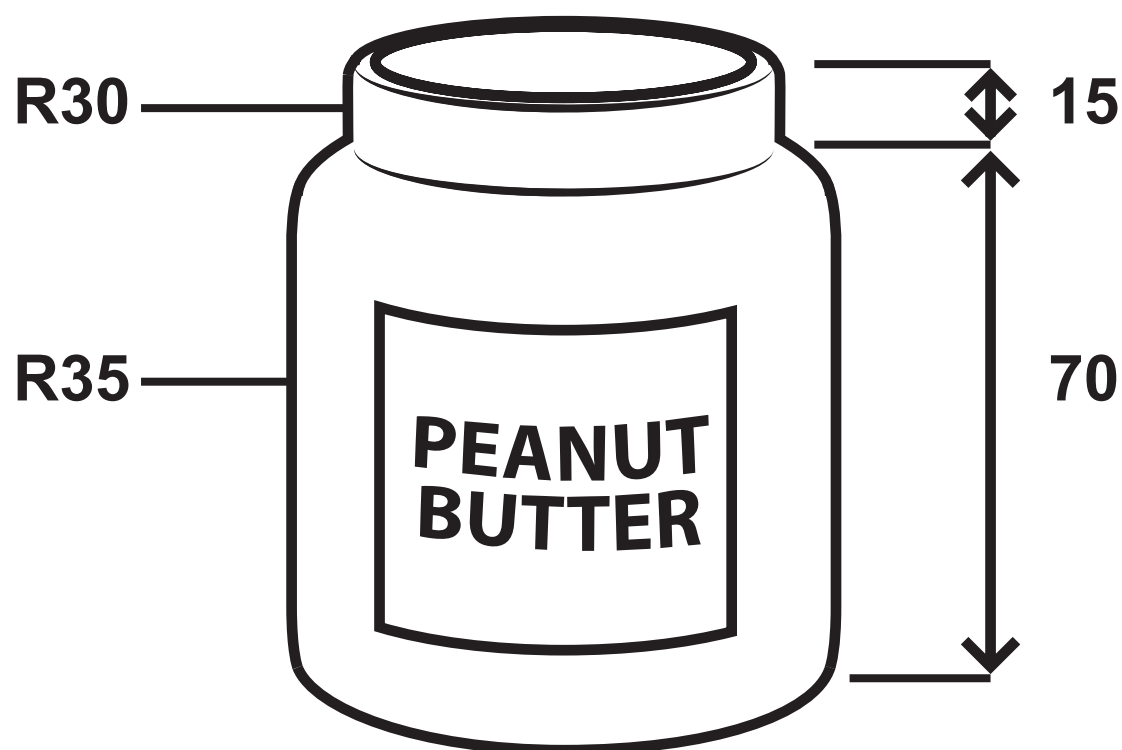


Question 5

FIGURE 6



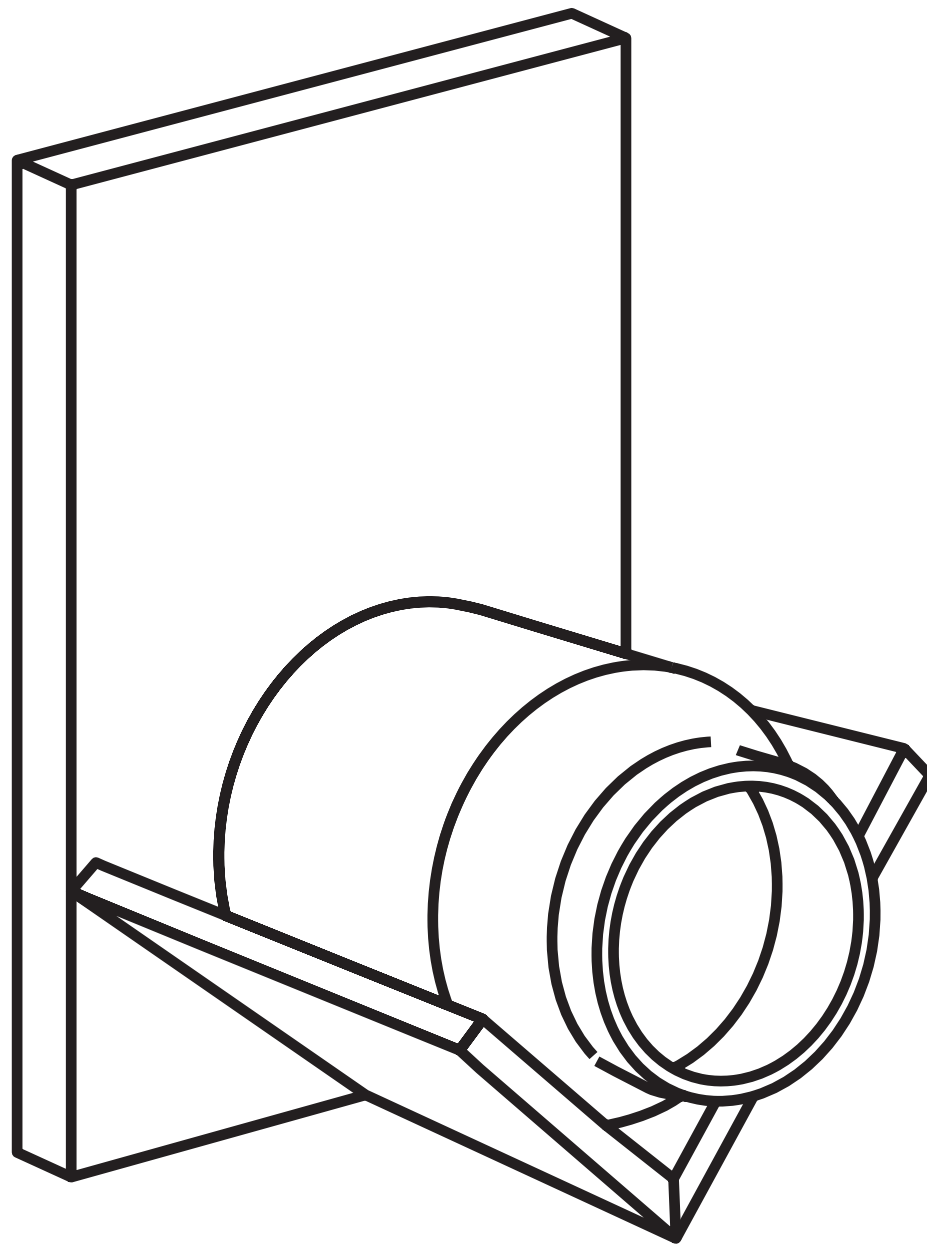
Additional information



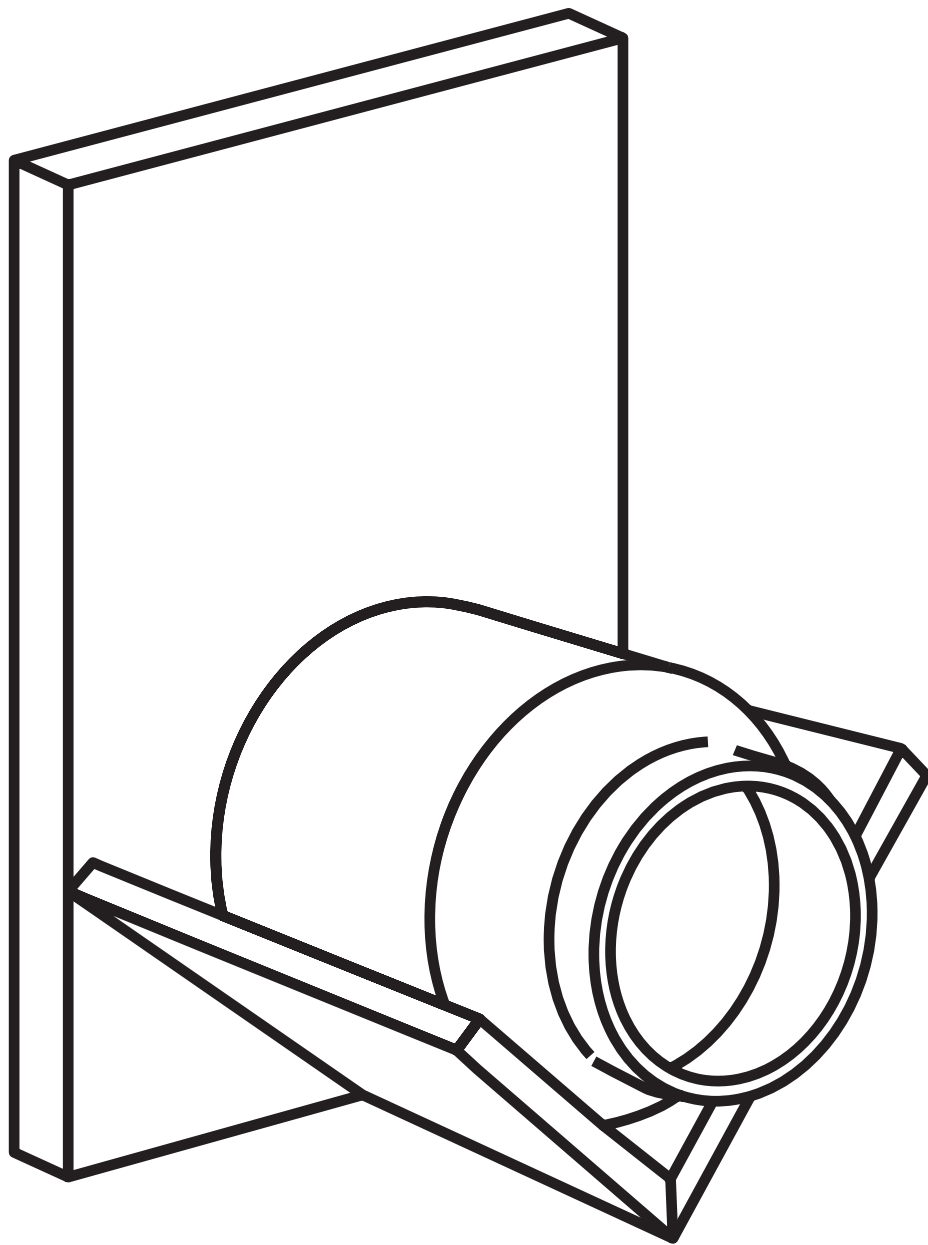
Dimensions of the jar of peanut butter in mm

Diagram not to scale

## Question 5(a)

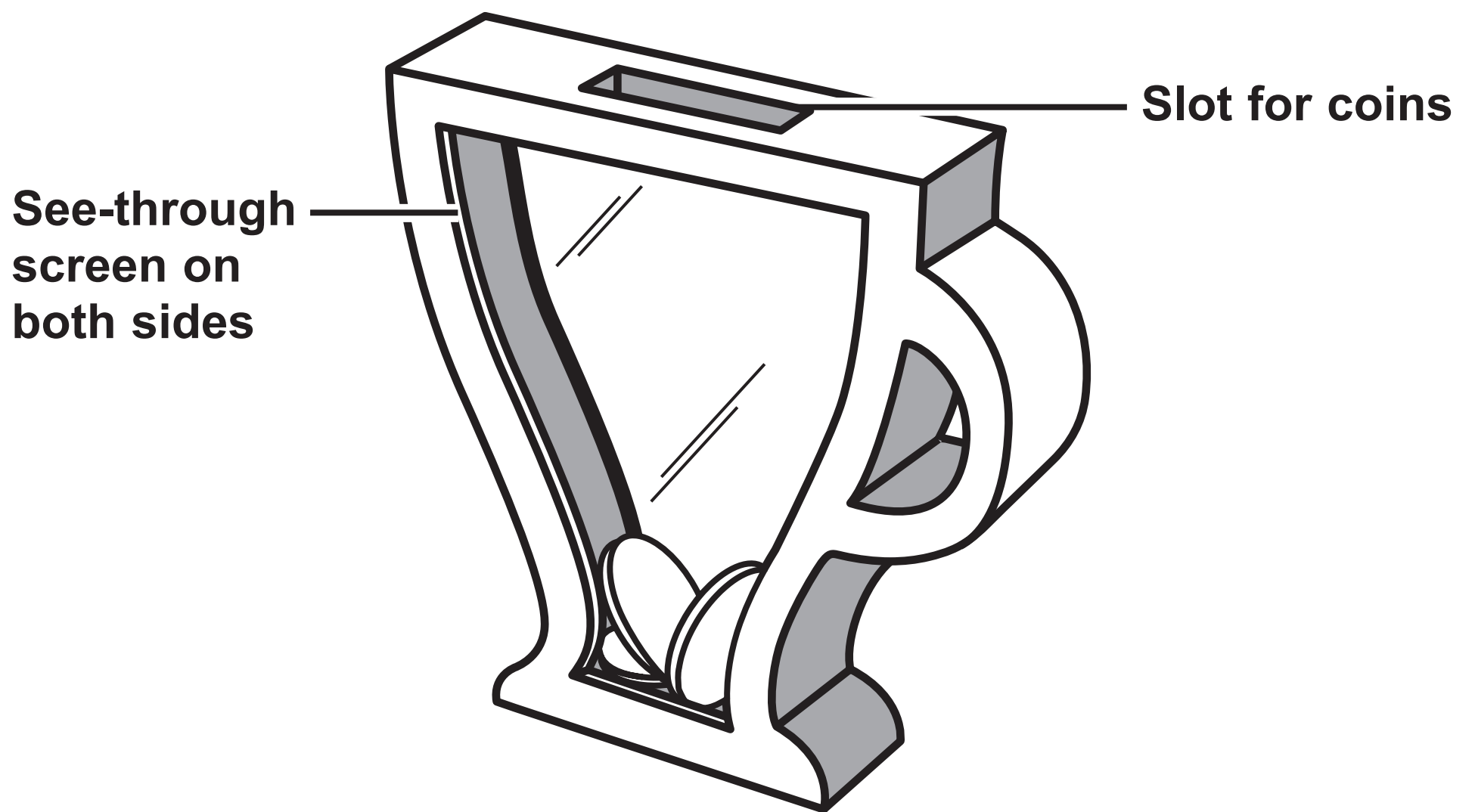


## Question 5(a)



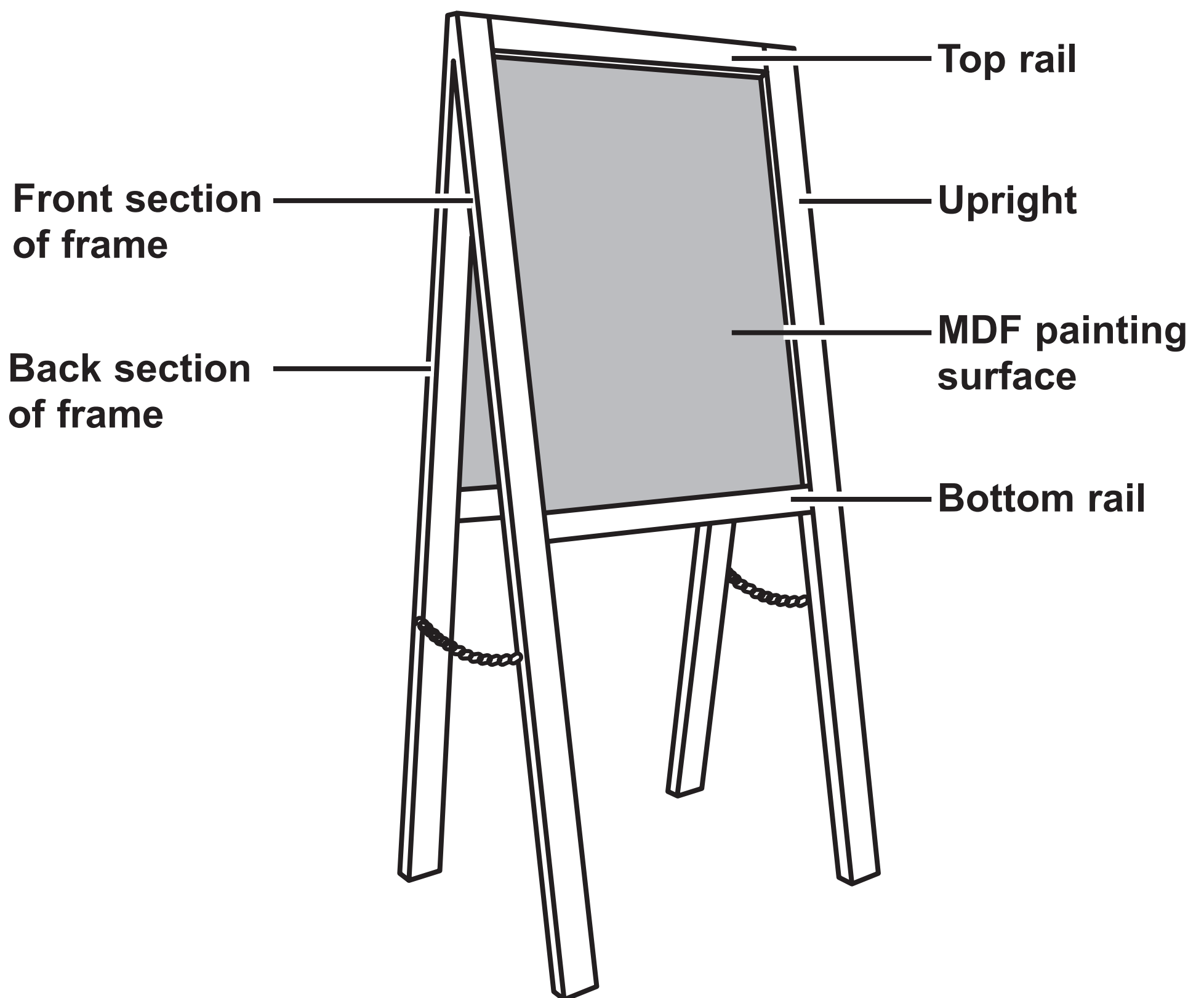
## Question 5(b)

FIGURE 7



## Question 6(a)

FIGURE 8

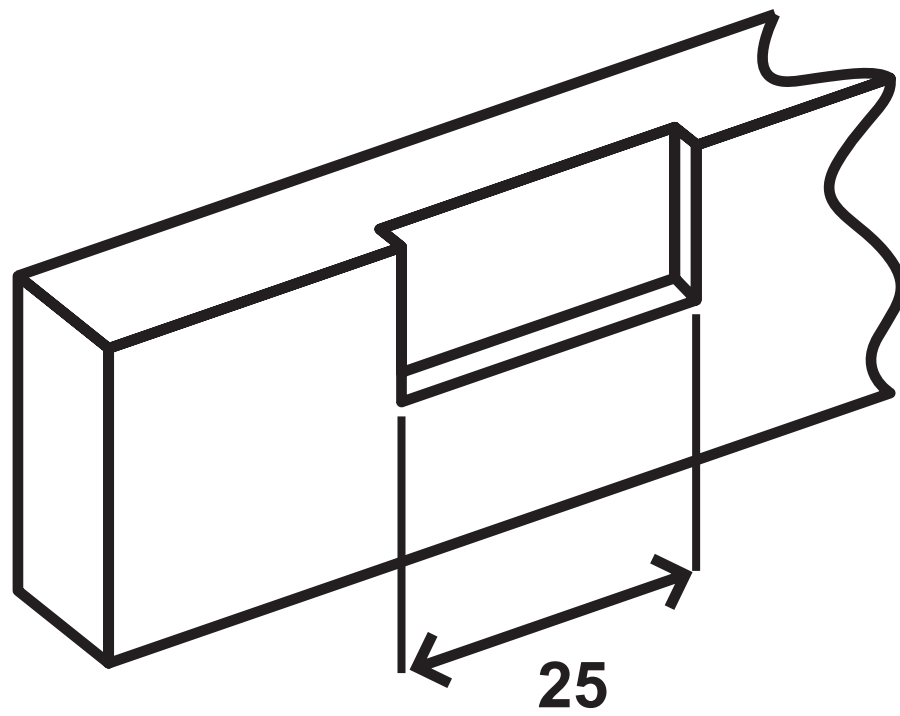


## Question 6(b)

FIGURE 9

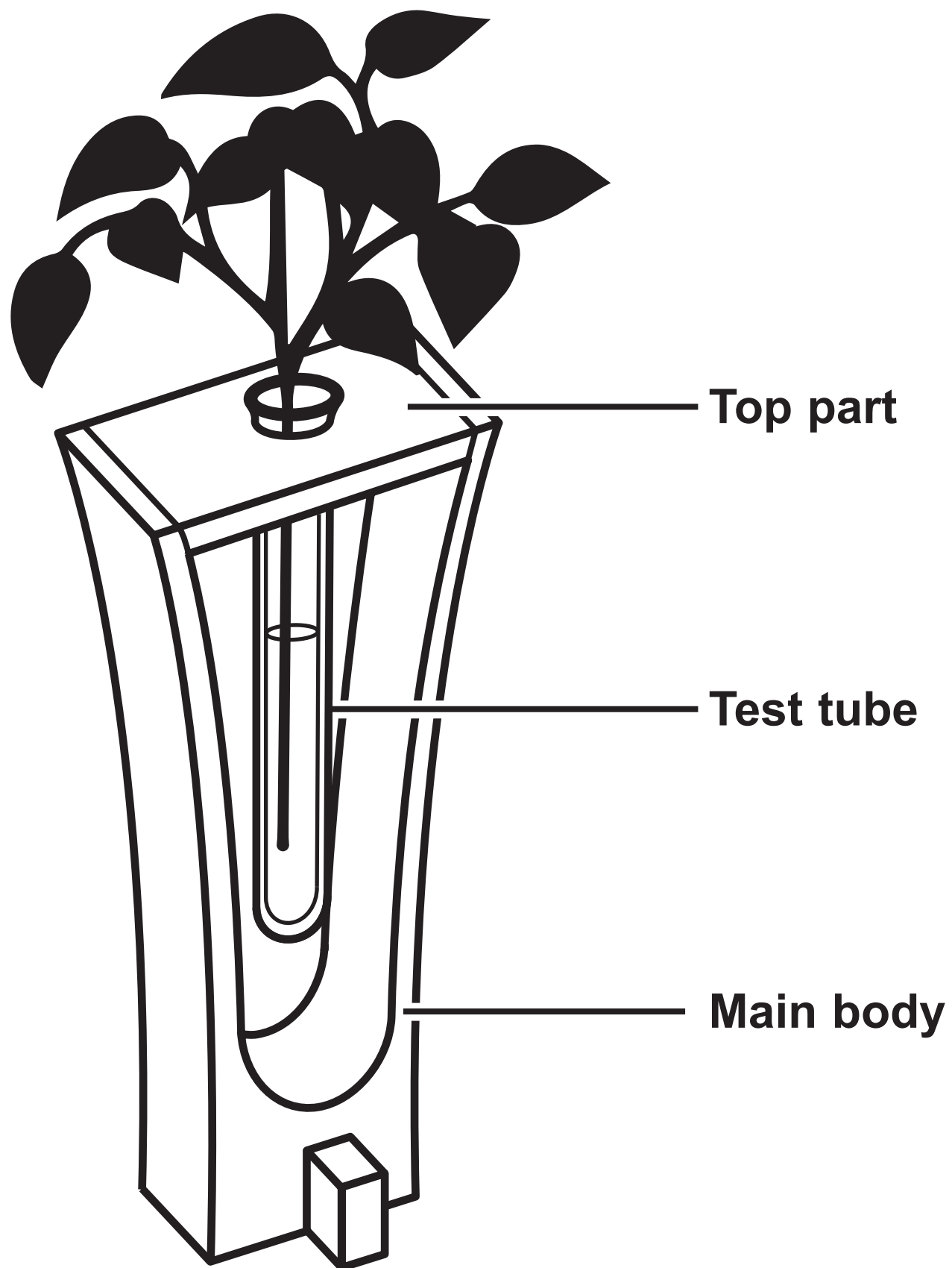
All dimensions in mm

Diagram not to scale



## Question 7

FIGURE 10



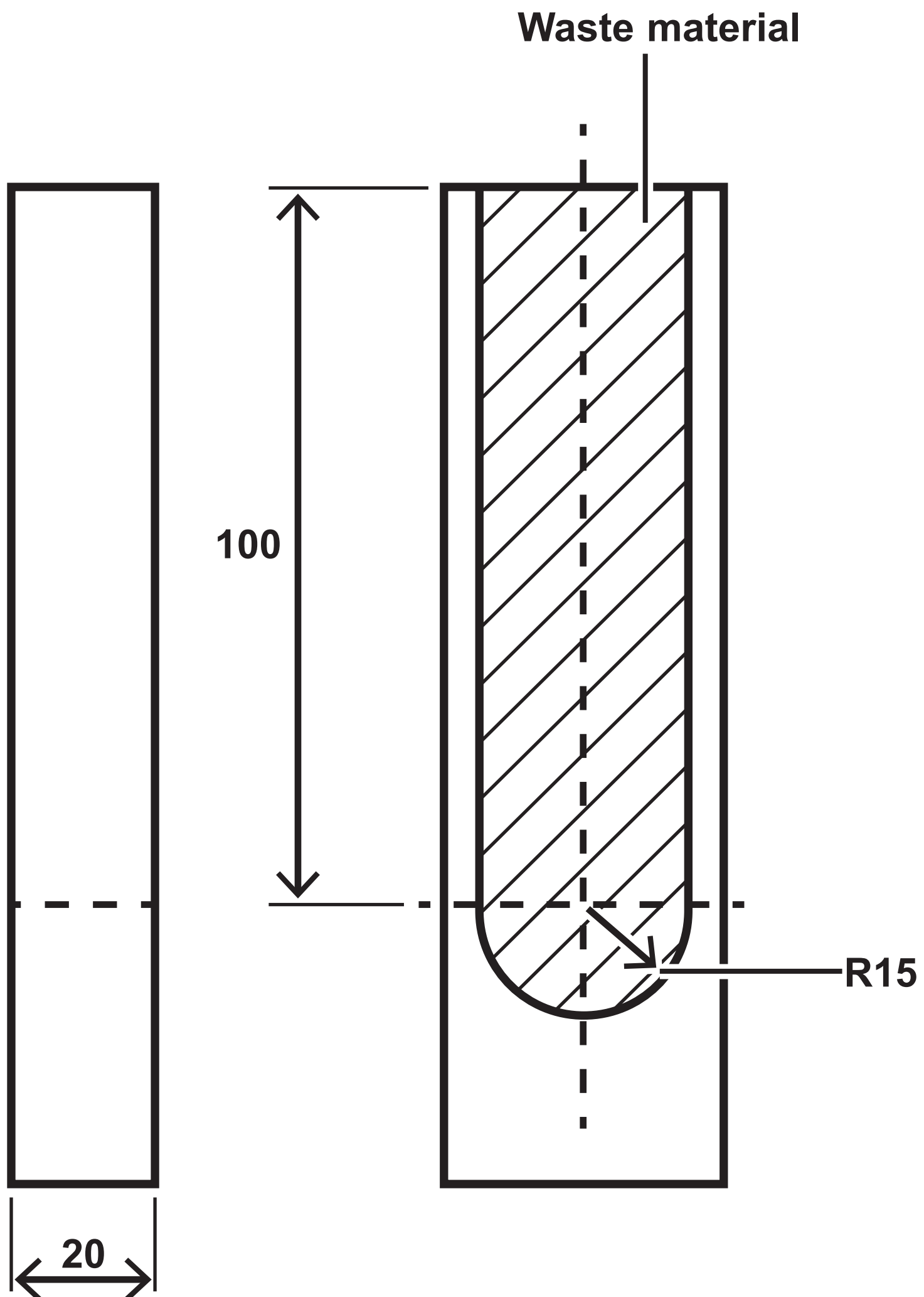


## Question 7(c)

FIGURE 11

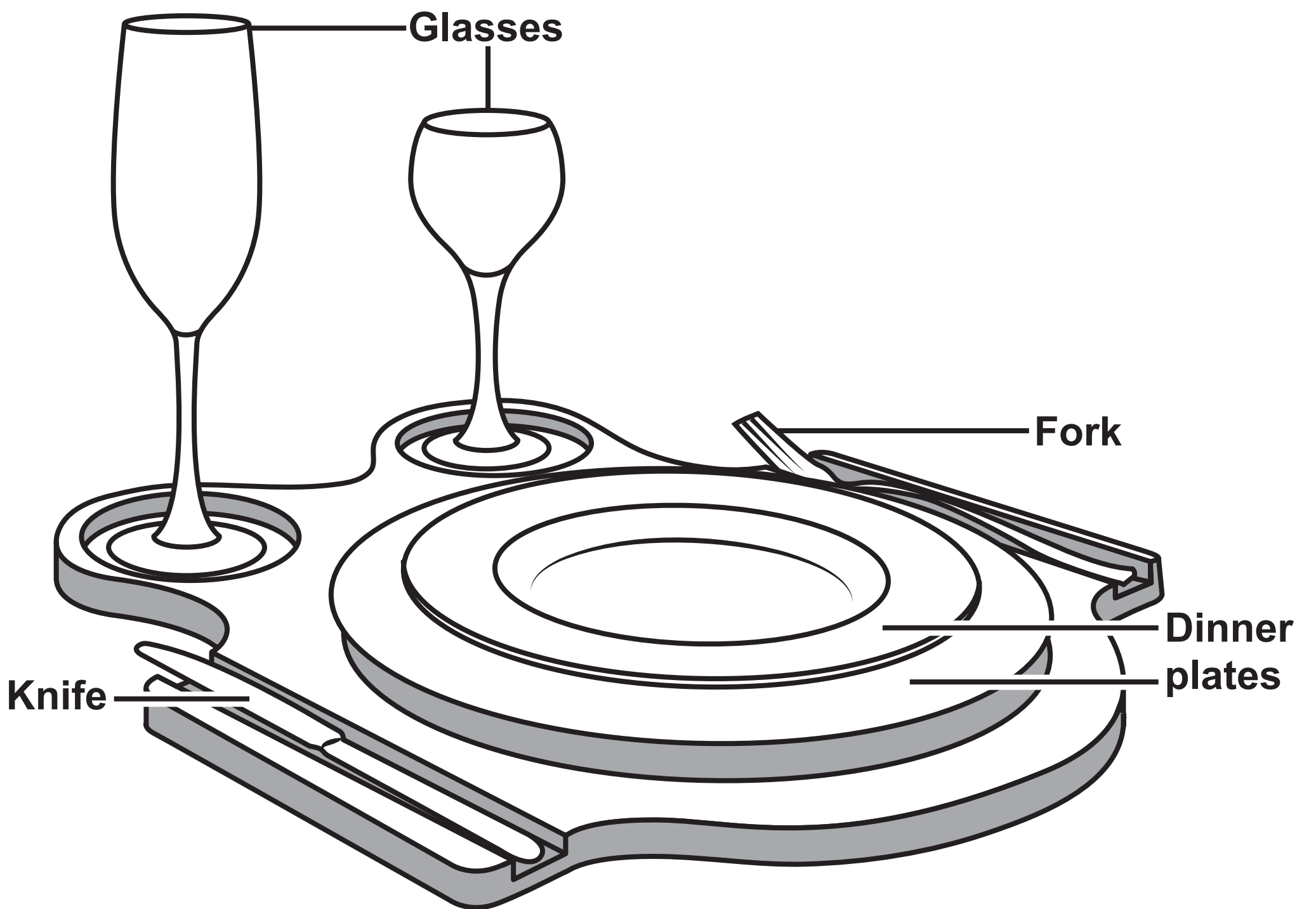
All dimensions are in mm

Diagram not to scale



## Question 8

FIGURE 12



Question 8(d)

FIGURE 13

Source of oak veneer	European forests
Dinner tray material	Stock sized 18mm plywood sheet
Potential market	Hospitals, care homes and restaurants
Scale of production	Batch