

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

**Design and Technology**  
**COMPONENT 1: Systems**

**Diagram Booklet**

**In the boxes below, write your name, centre number and candidate number.**

<b>Surname</b>					
<b>Other names</b>					
<b>Centre Number</b>					
<b>Candidate Number</b>					

## **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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# FIGURE 1

[illegible]

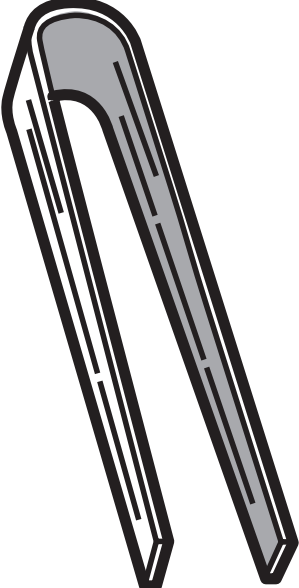
**(continued on the next page)**

# Turn over

**(continued on the next page)**

# Turn over

Question 1(a) continued

	<p>Laminated plywood salad servers</p>	<p>(iv)</p> <hr/> <p>(1 mark)</p>
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# FIGURE 1

[illegible]

**(continued on the next page)**

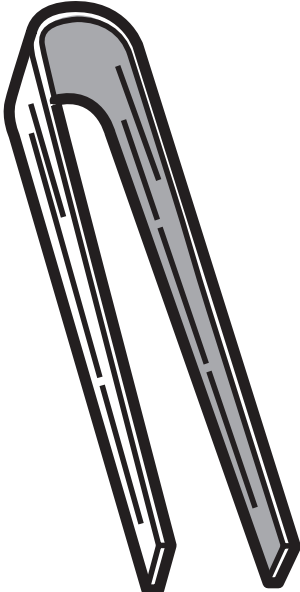
# Turn over



**(continued on the next page)**

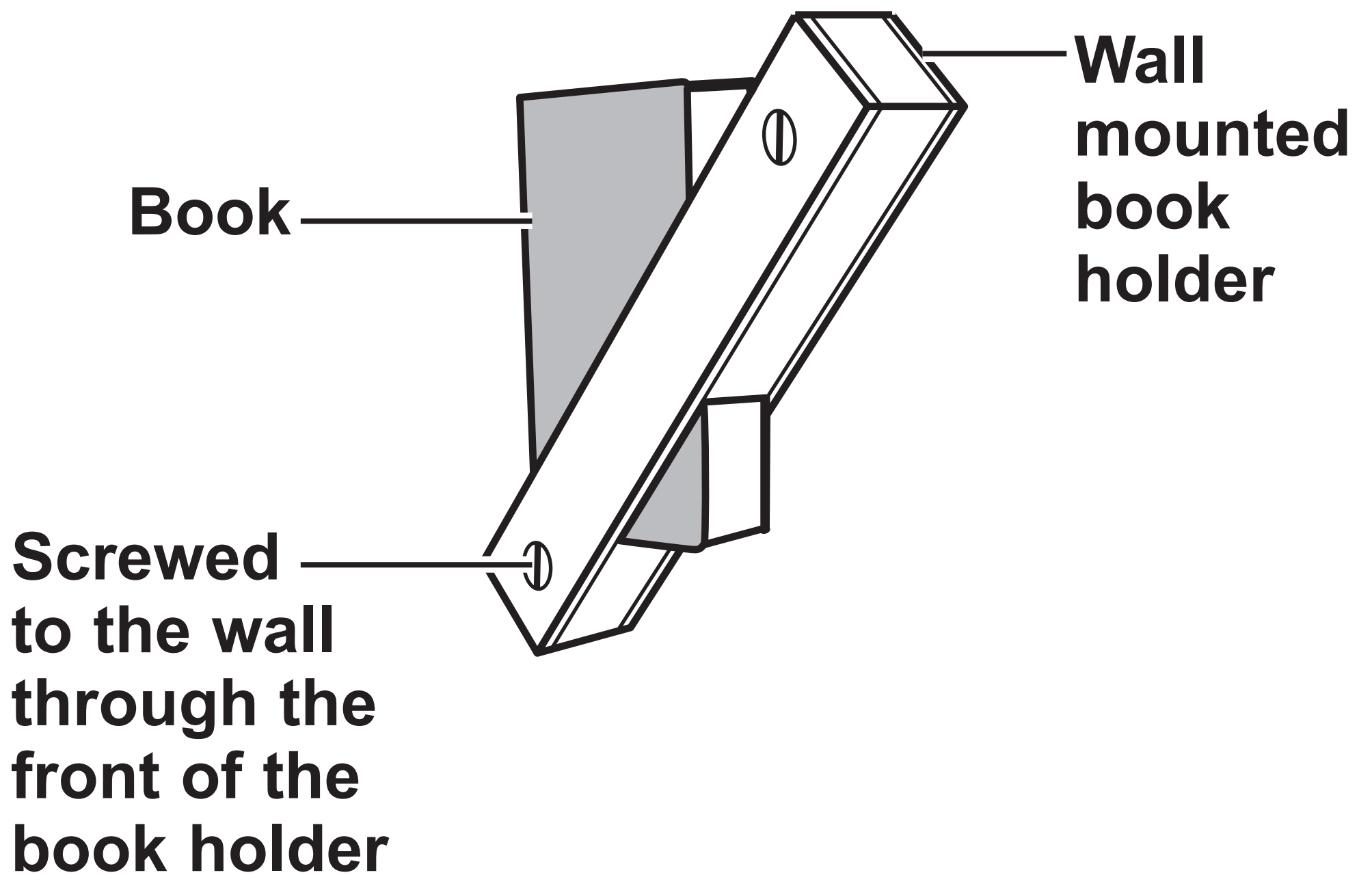
# Turn over

Question 1(a) continued

	<p>Laminated plywood salad servers</p>	<p>(iv)</p> <hr/> <p>(1 mark)</p> <hr/>
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## Question 2

FIGURE 2

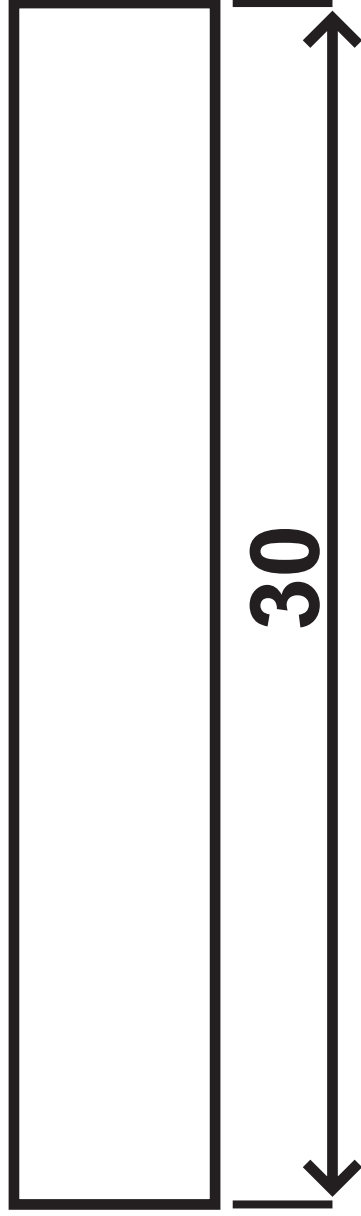


**12**  
**Question 2(d)**

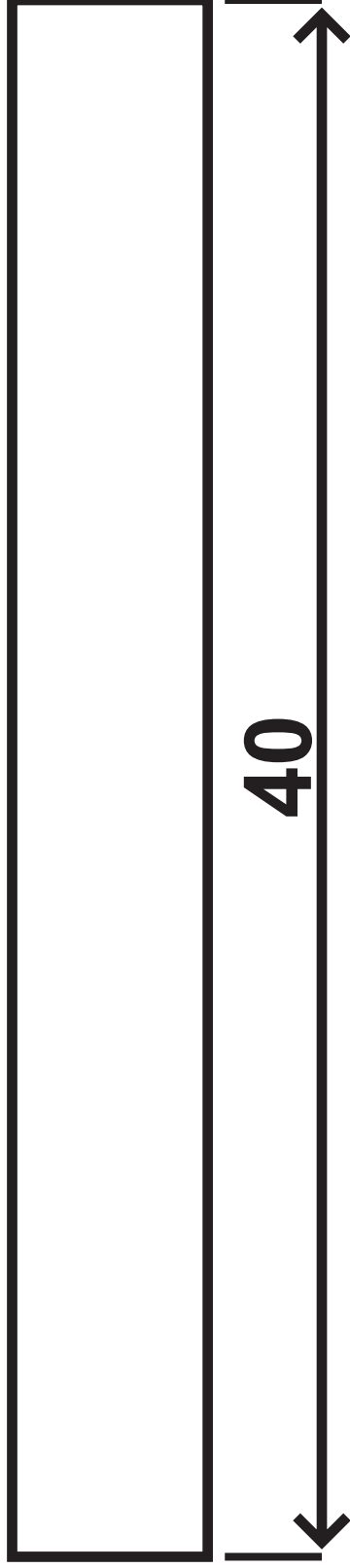
**FIGURE 3**

**All dimensions in cm**

**Diagram not to scale**



**2 required at this length**

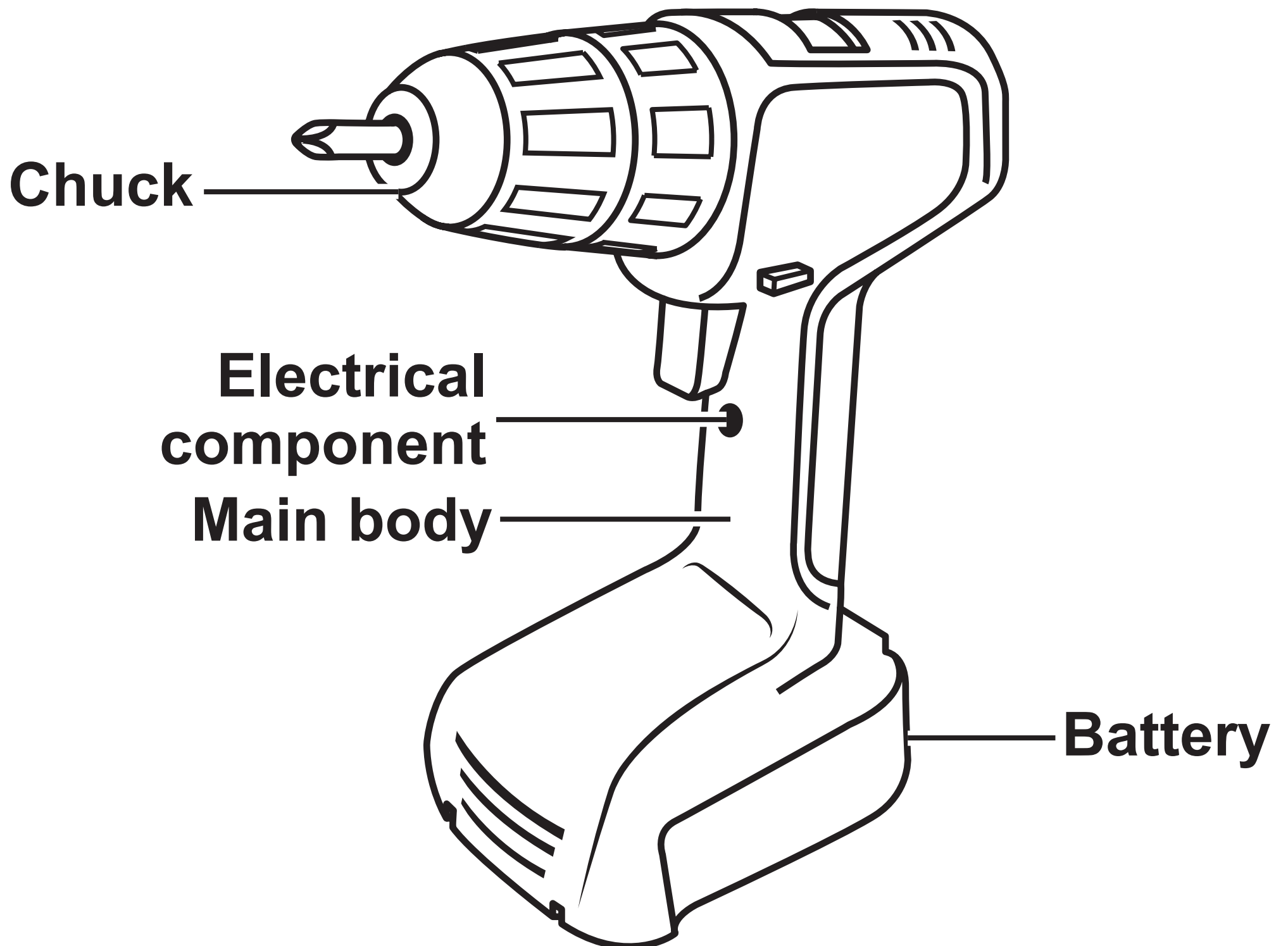


**1 required at this length**

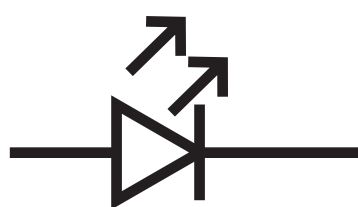
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### Question 3

**FIGURE 4**



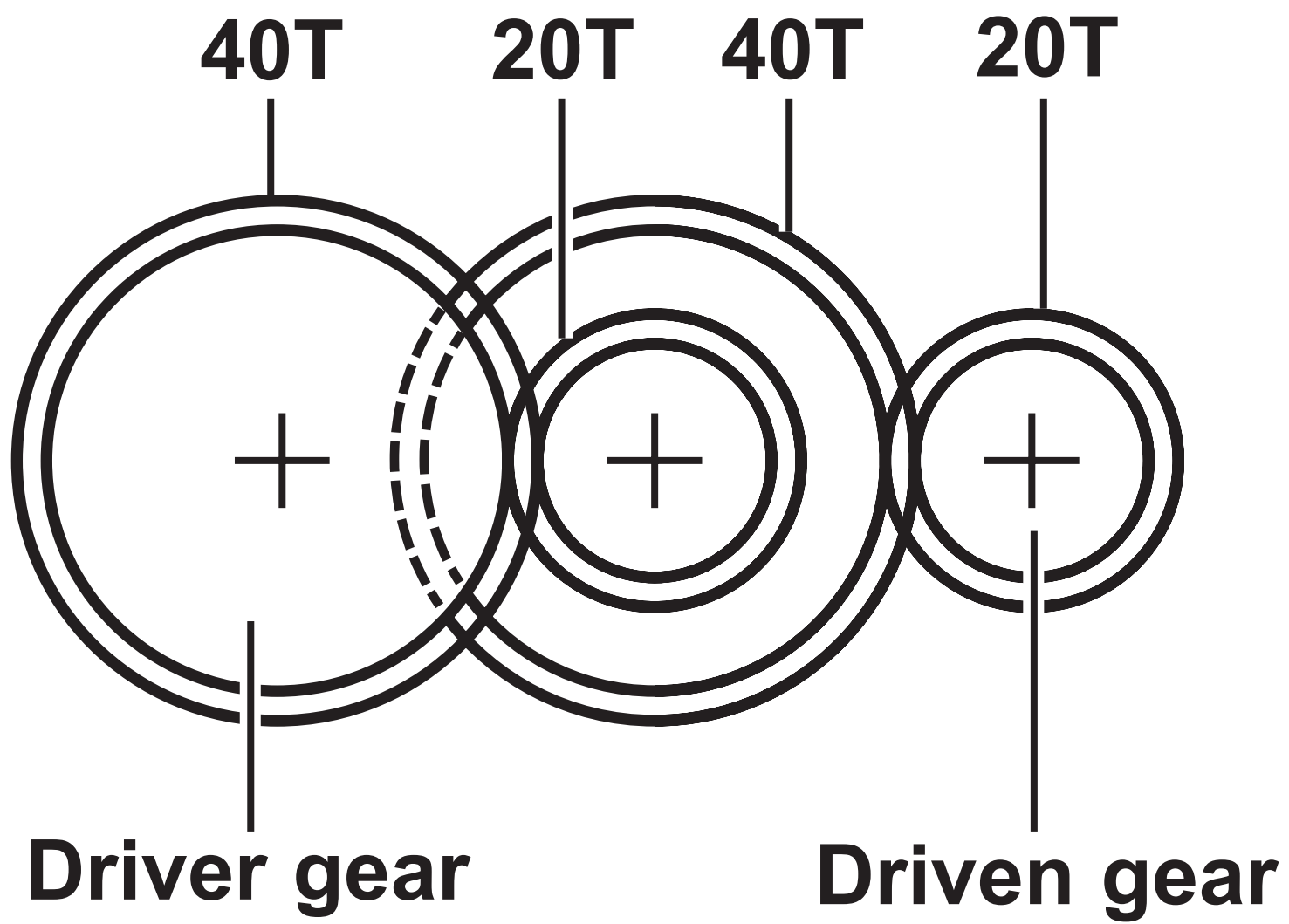
**Circuit symbol for the electrical component**



## Question 3(c)

FIGURE 5

**T = Teeth**

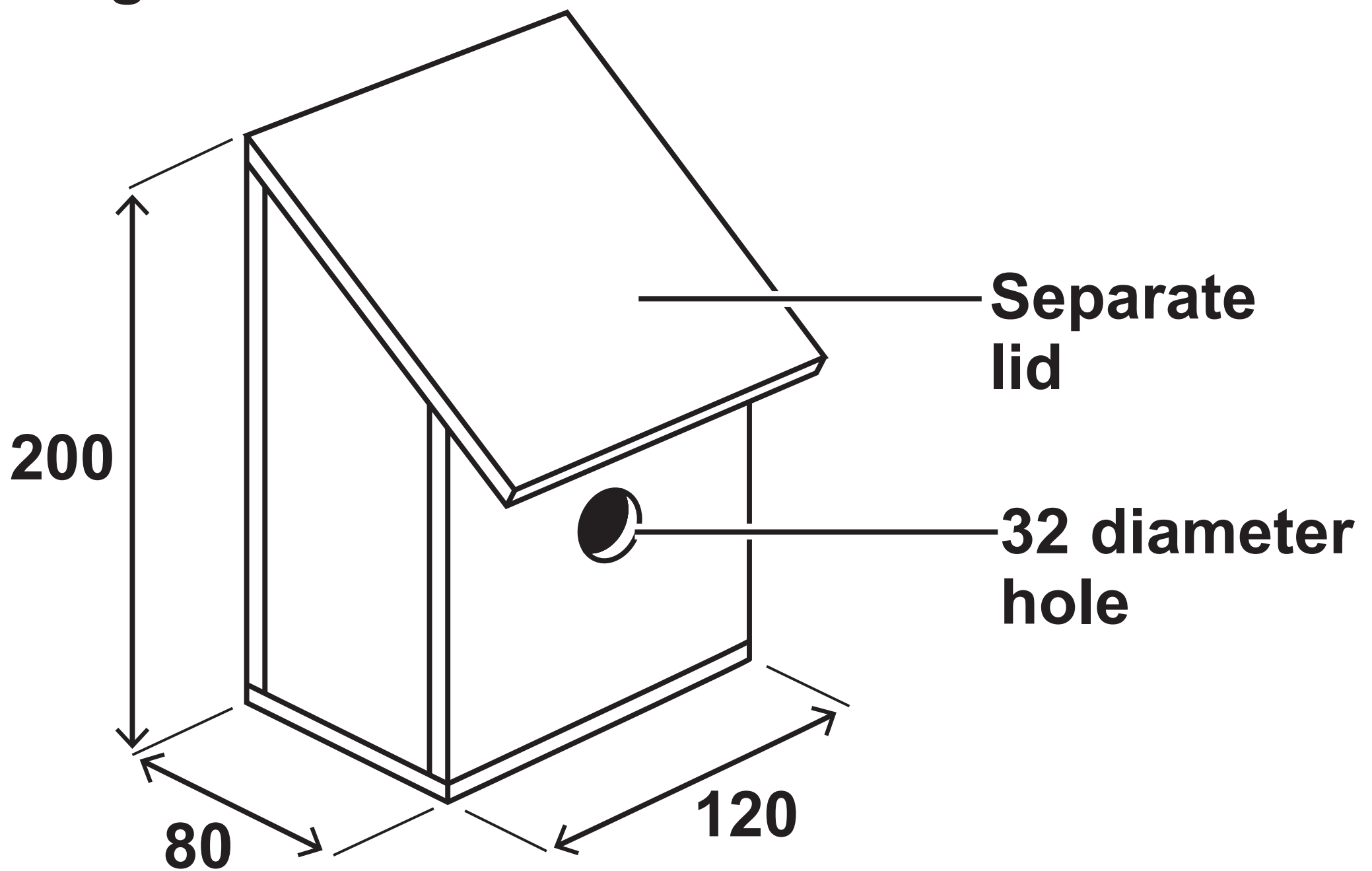


## Question 5

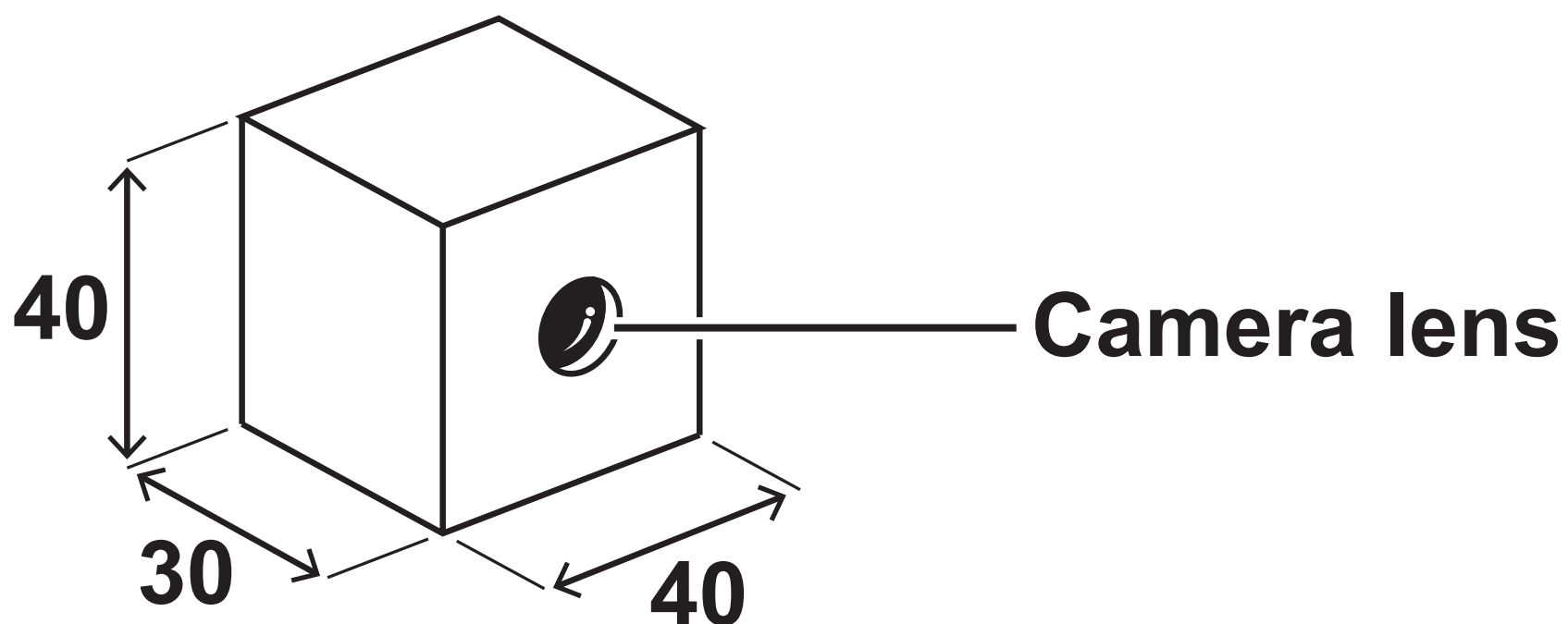
## FIGURE 6

All dimensions in mm

Diagram not to scale



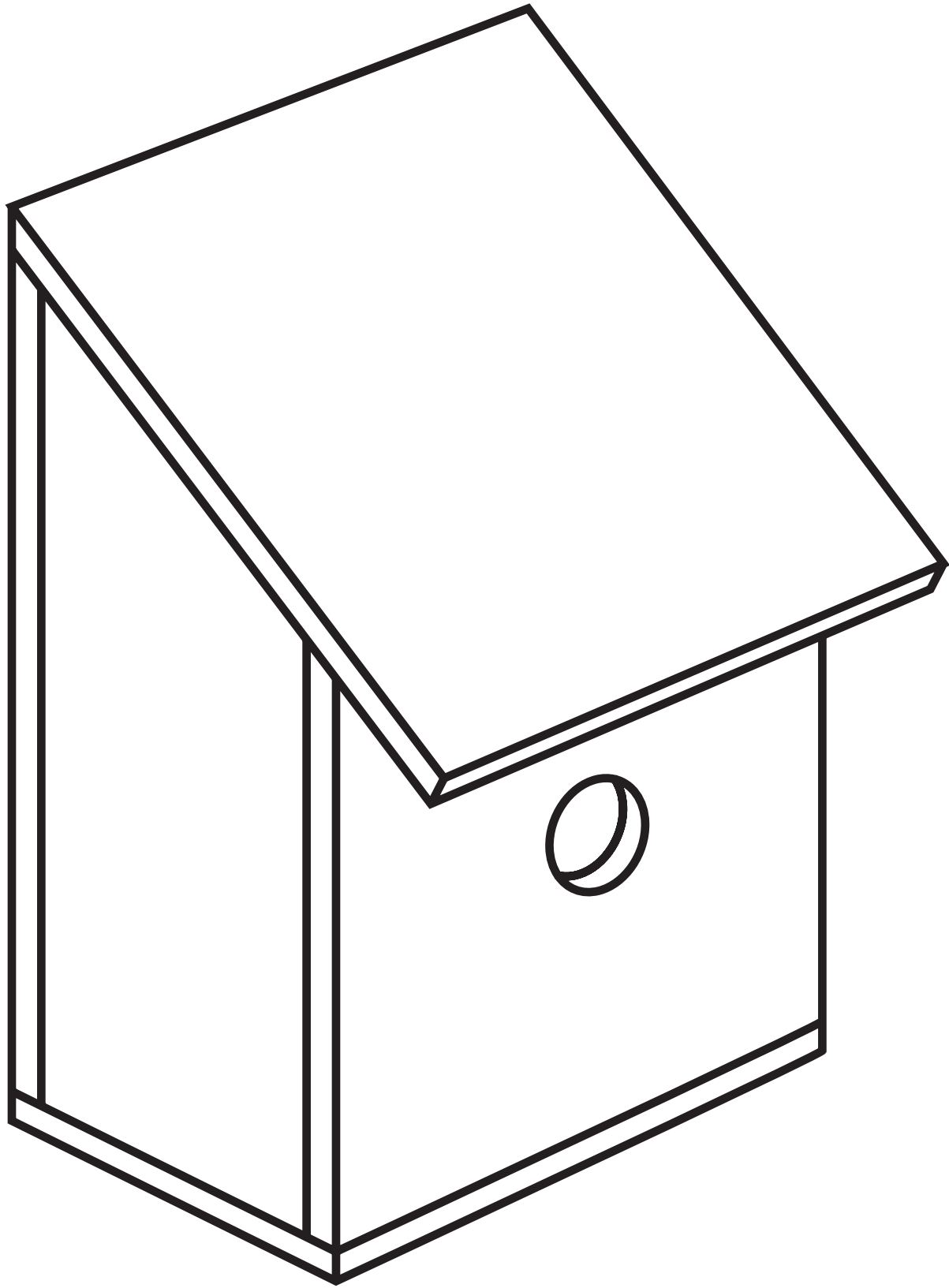
Additional information – camera with batteries inside



Turn over

16

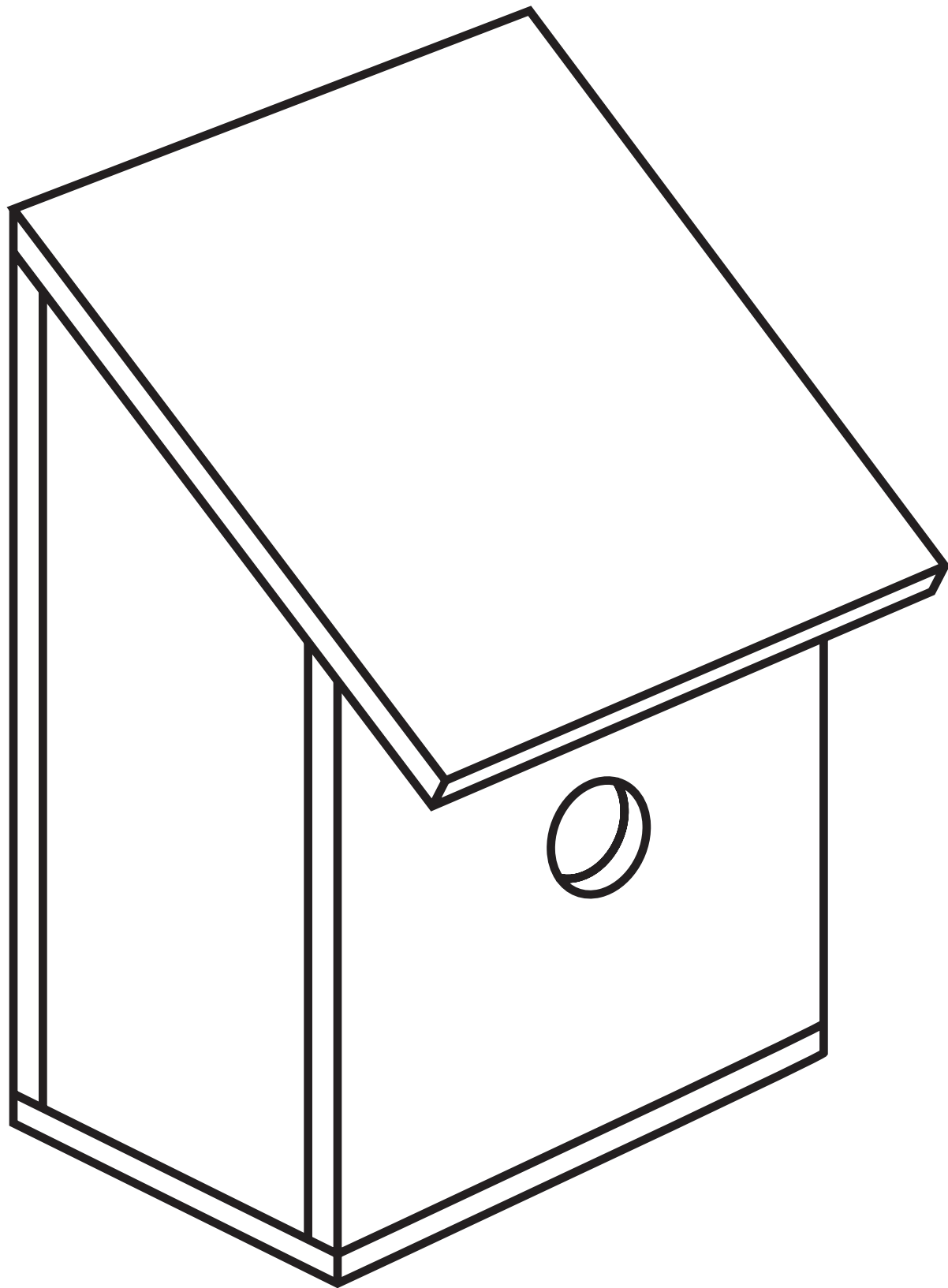
Question 5(a)





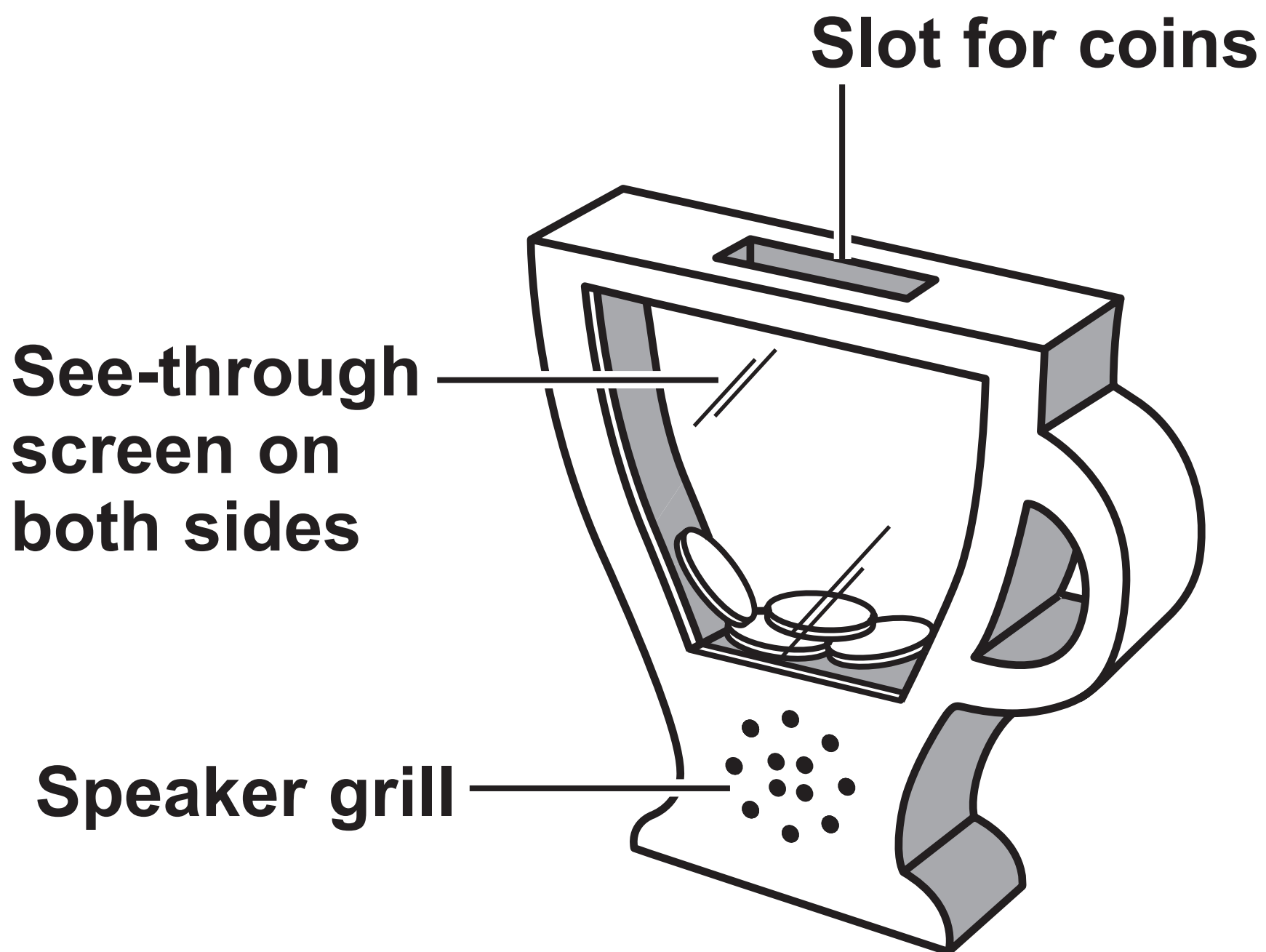
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Question 5(a)



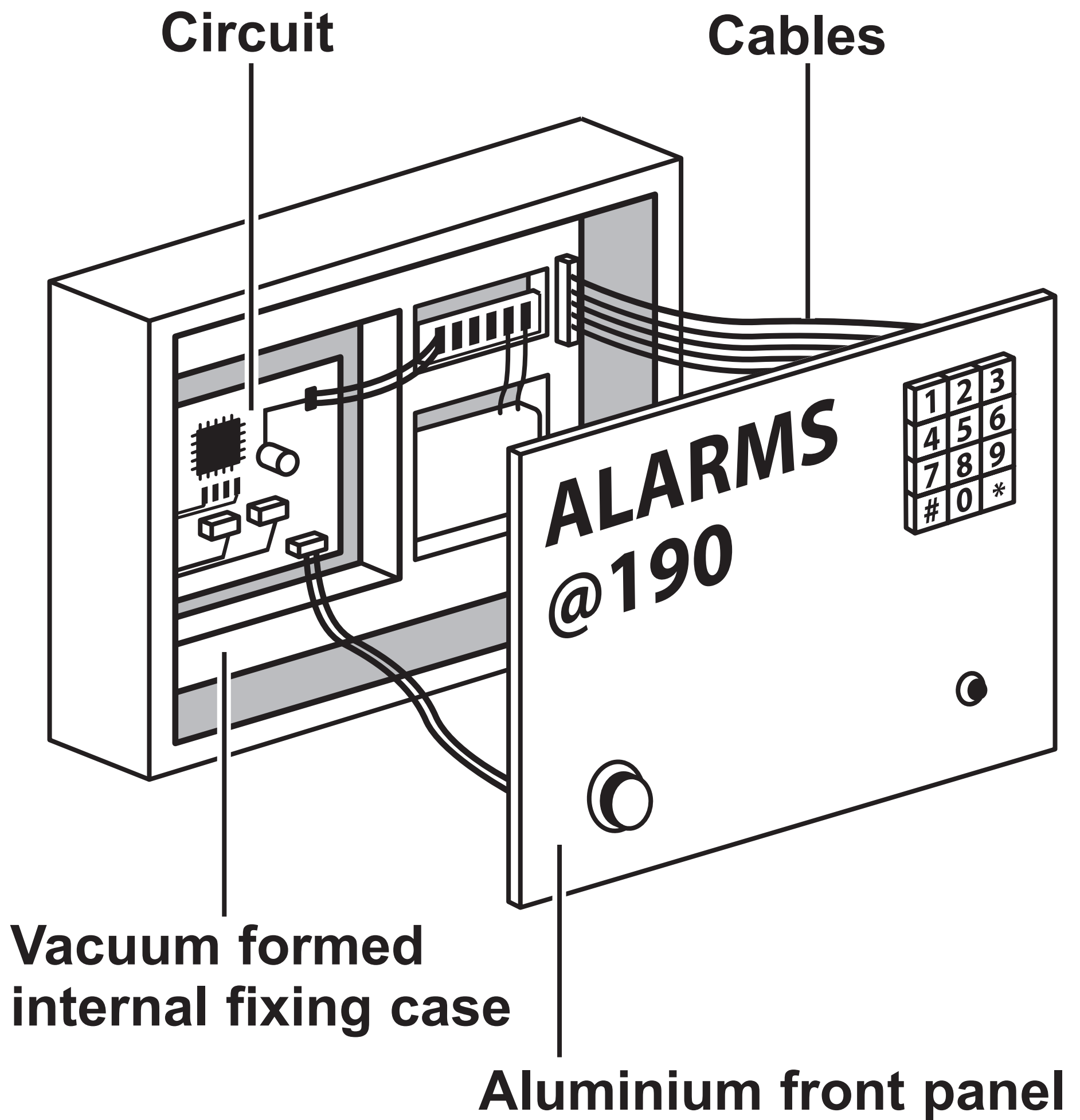
## Question 5(b)

FIGURE 7



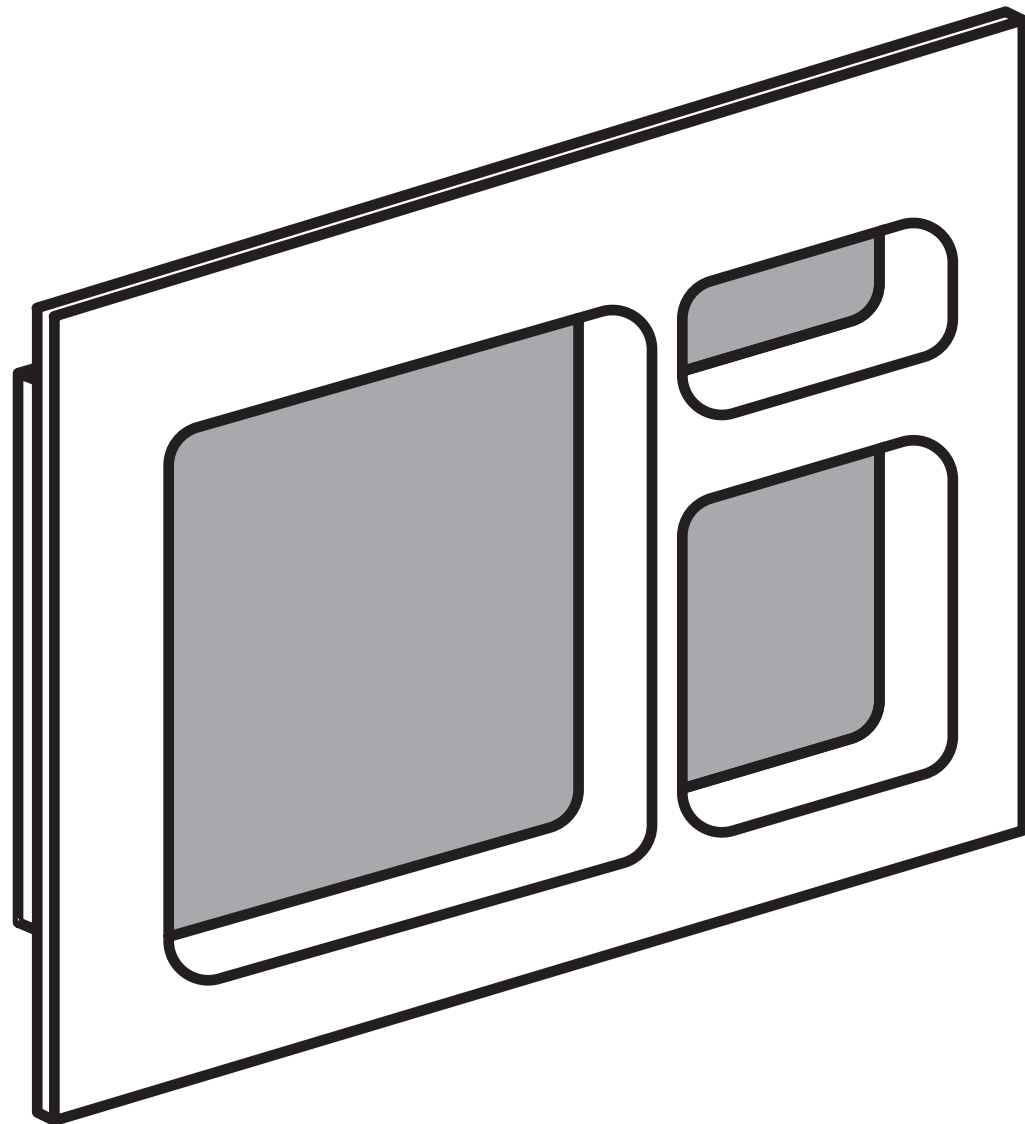
## Question 6(a)

FIGURE 8



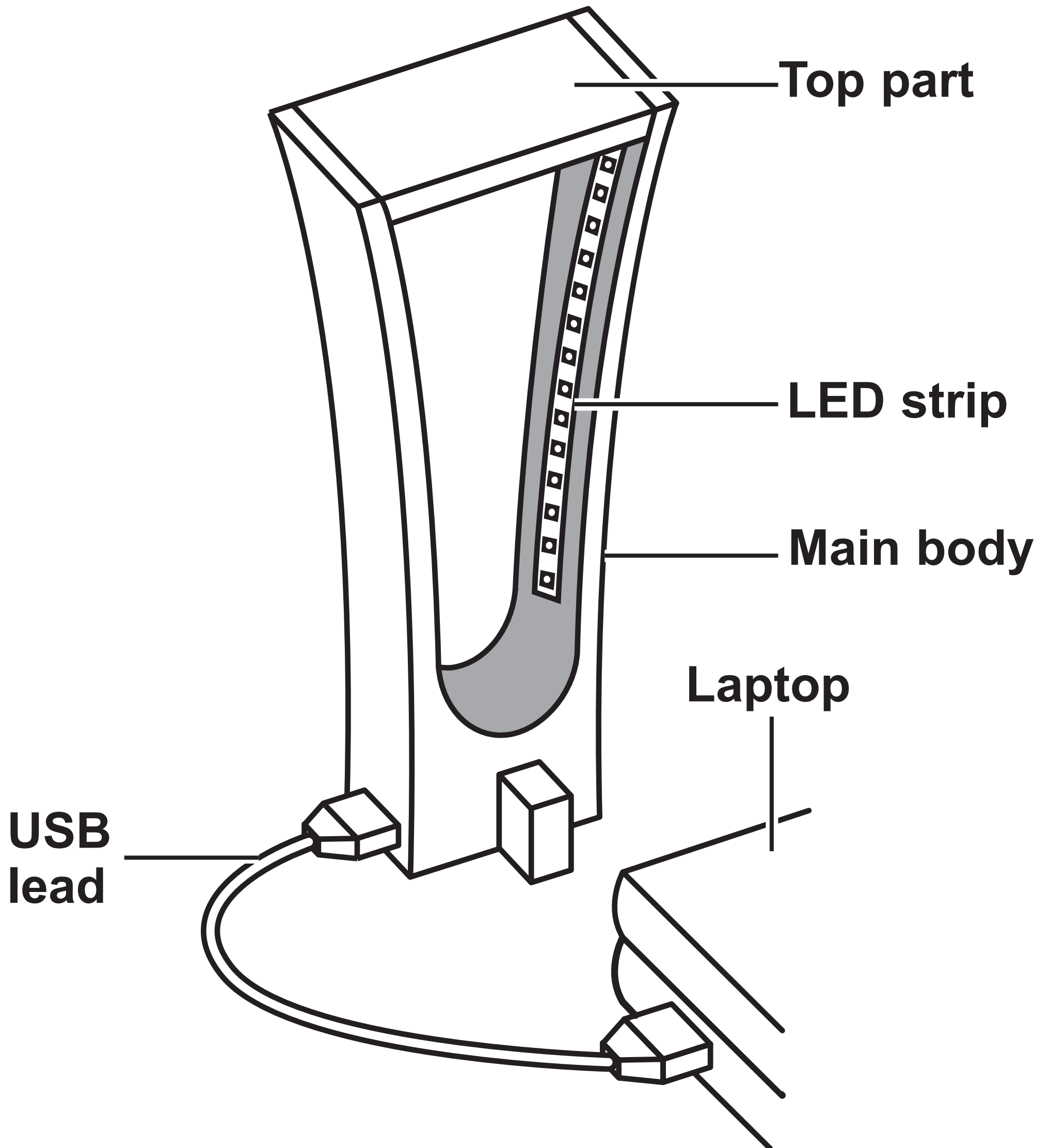
Question 6(b)

FIGURE 9



## Question 7

FIGURE 10

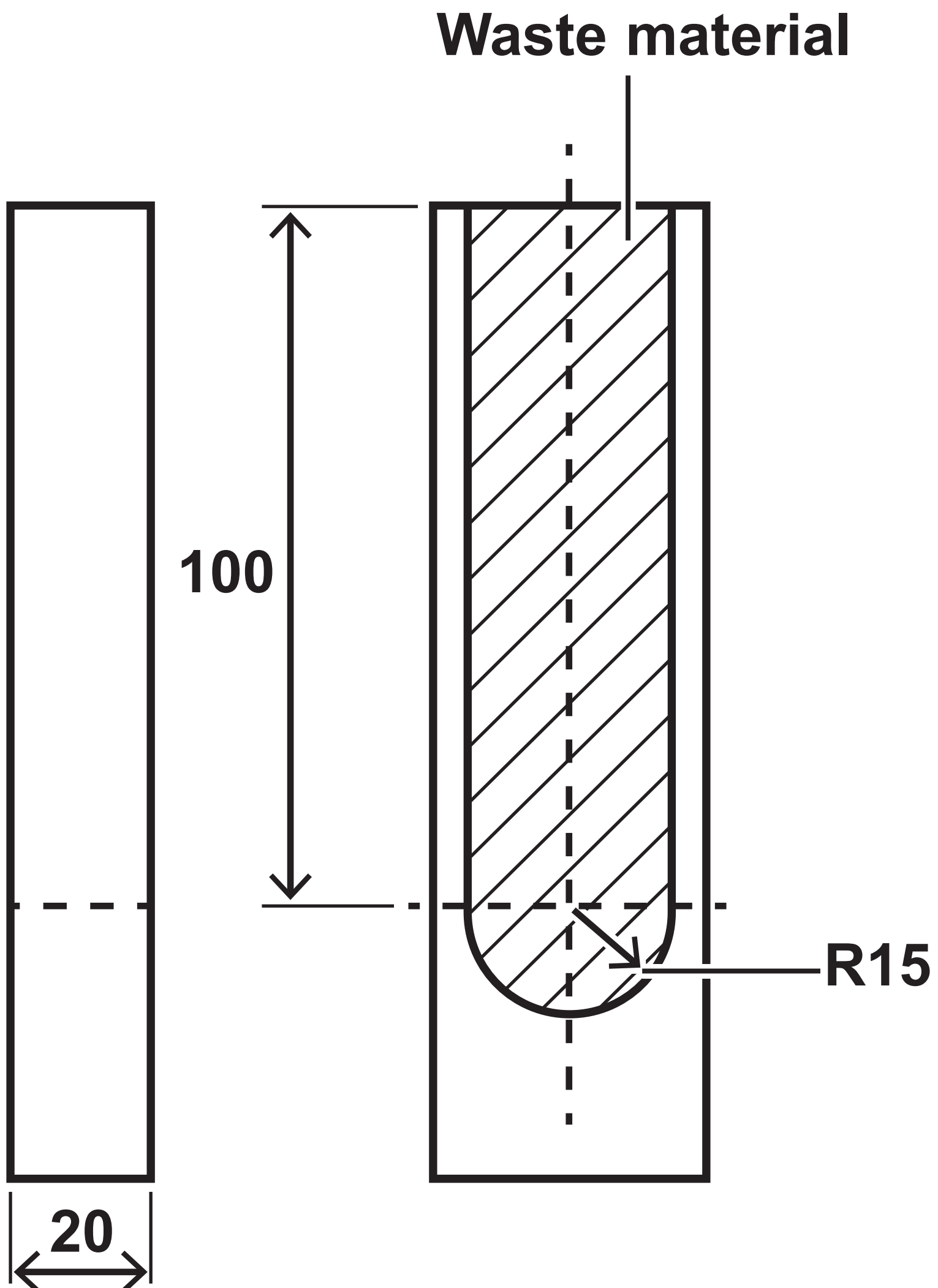


## Question 7(c)

FIGURE 11

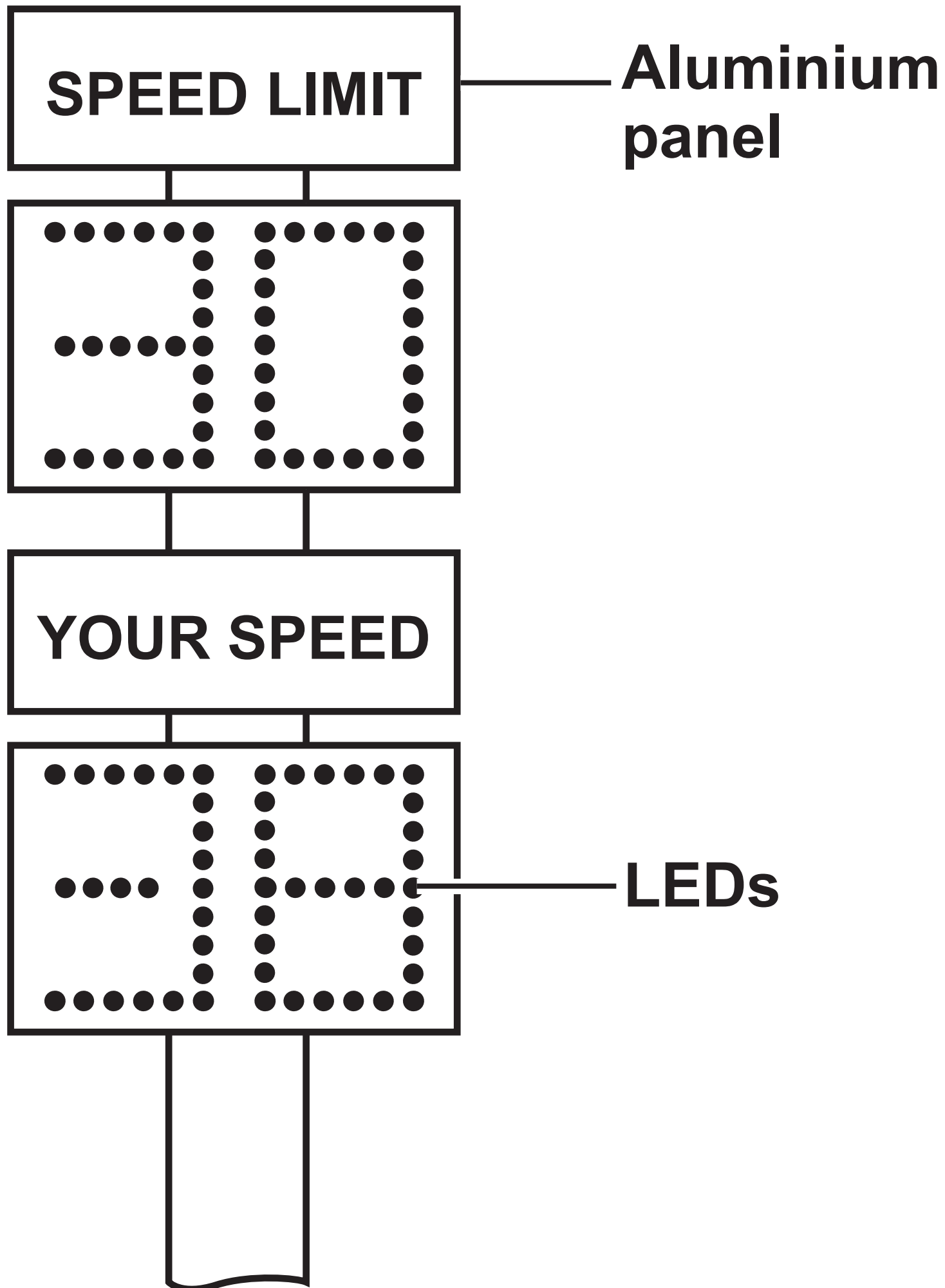
All dimensions are in mm

Diagram not to scale



## Question 8

FIGURE 12



## Question 8(d)

FIGURE 13

<b>Source of aluminium</b>	<b>Canada</b>
<b>Road sign material</b>	<b>Stock sized 6 mm aluminium sheet</b>
<b>Potential market</b>	<b>Local councils, schools and holiday camps</b>
<b>Scale of production</b>	<b>Batch</b>