

Physics  
PAPER 2  
Higher Tier

Friday 16 June 2023 – Morning

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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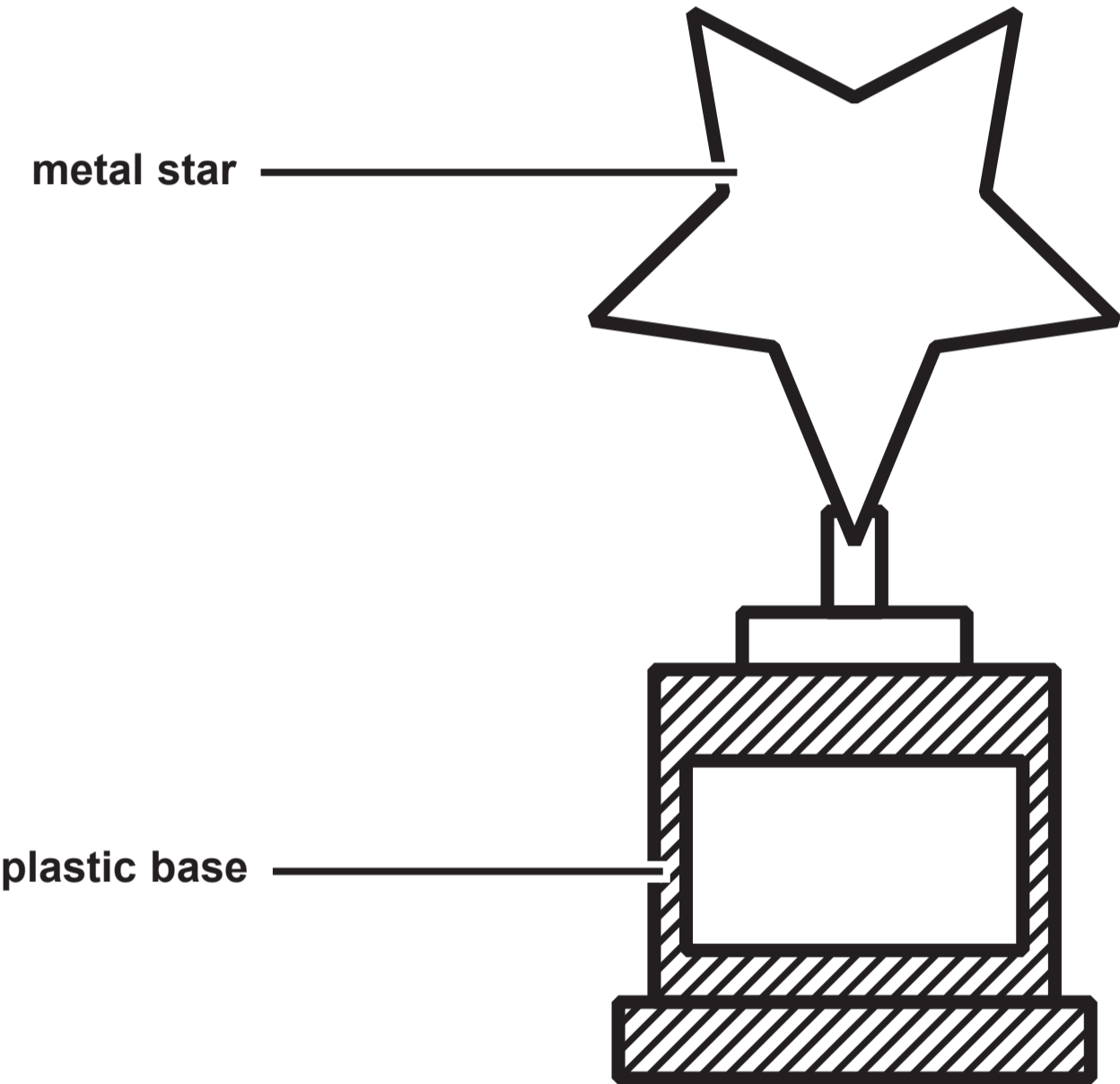
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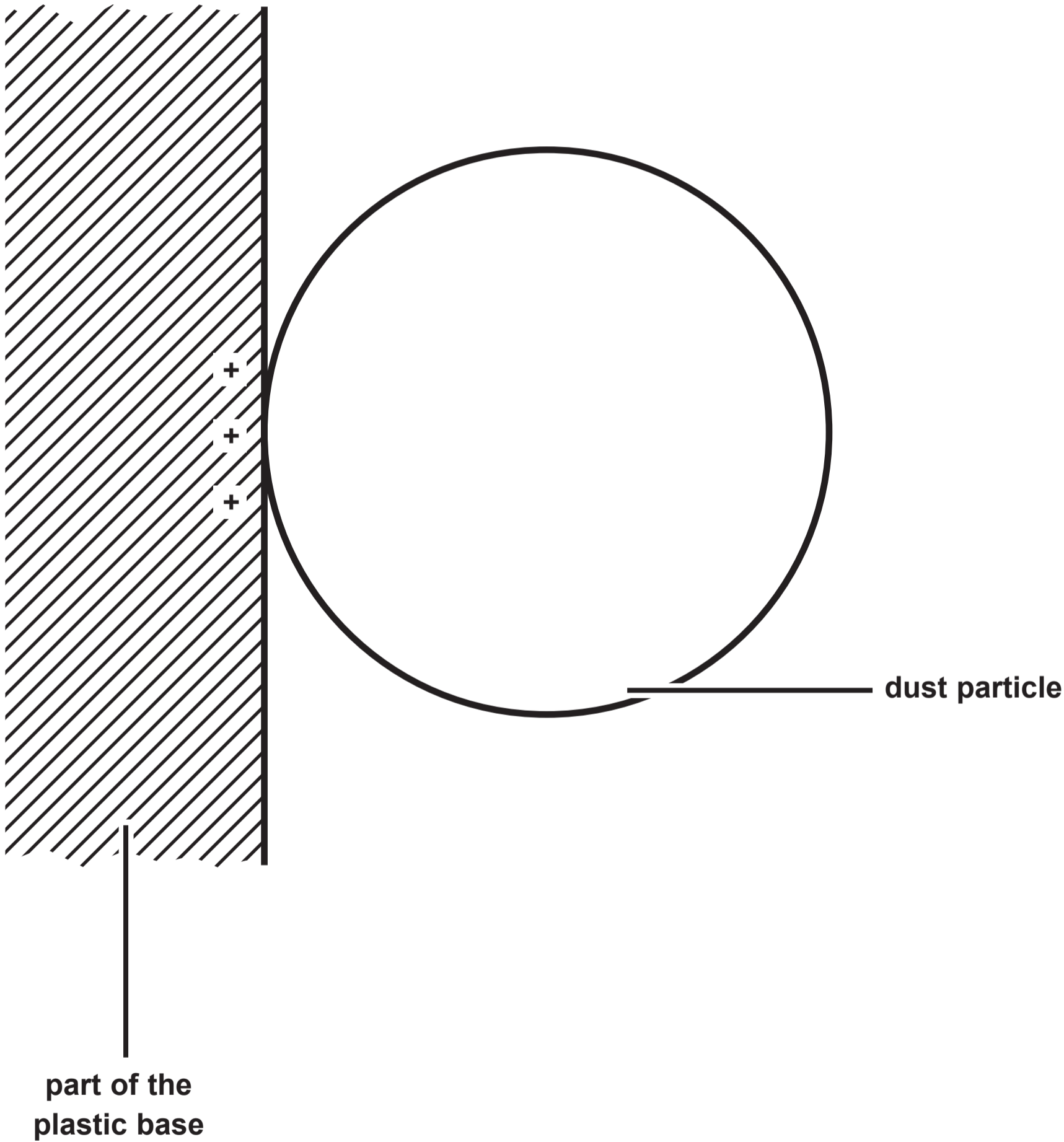
Question 1(a)

FIGURE 1



Question 1(c)

FIGURE 2



## Question 2(a)

FIGURE 3

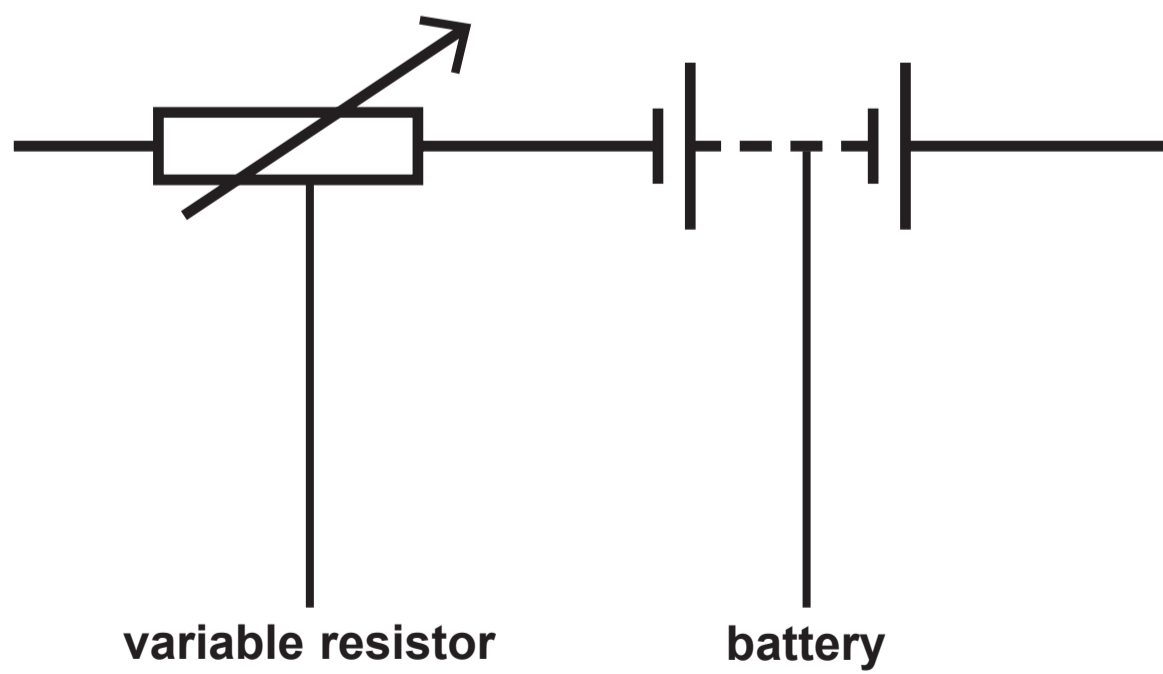
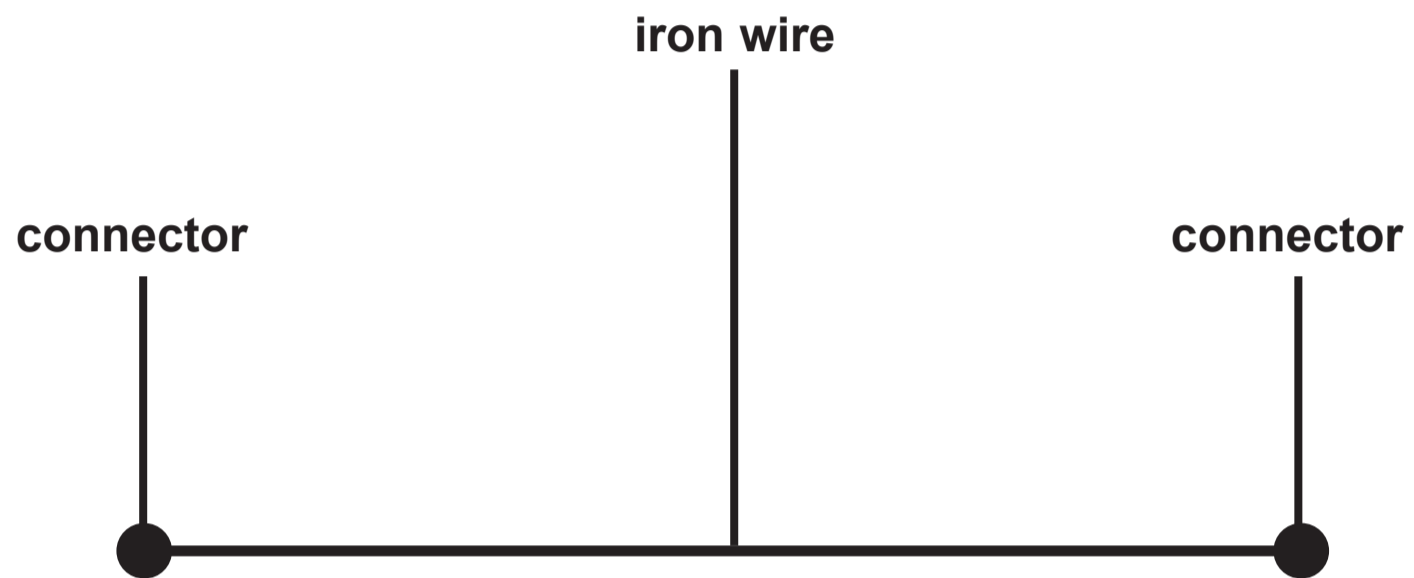


FIGURE 4

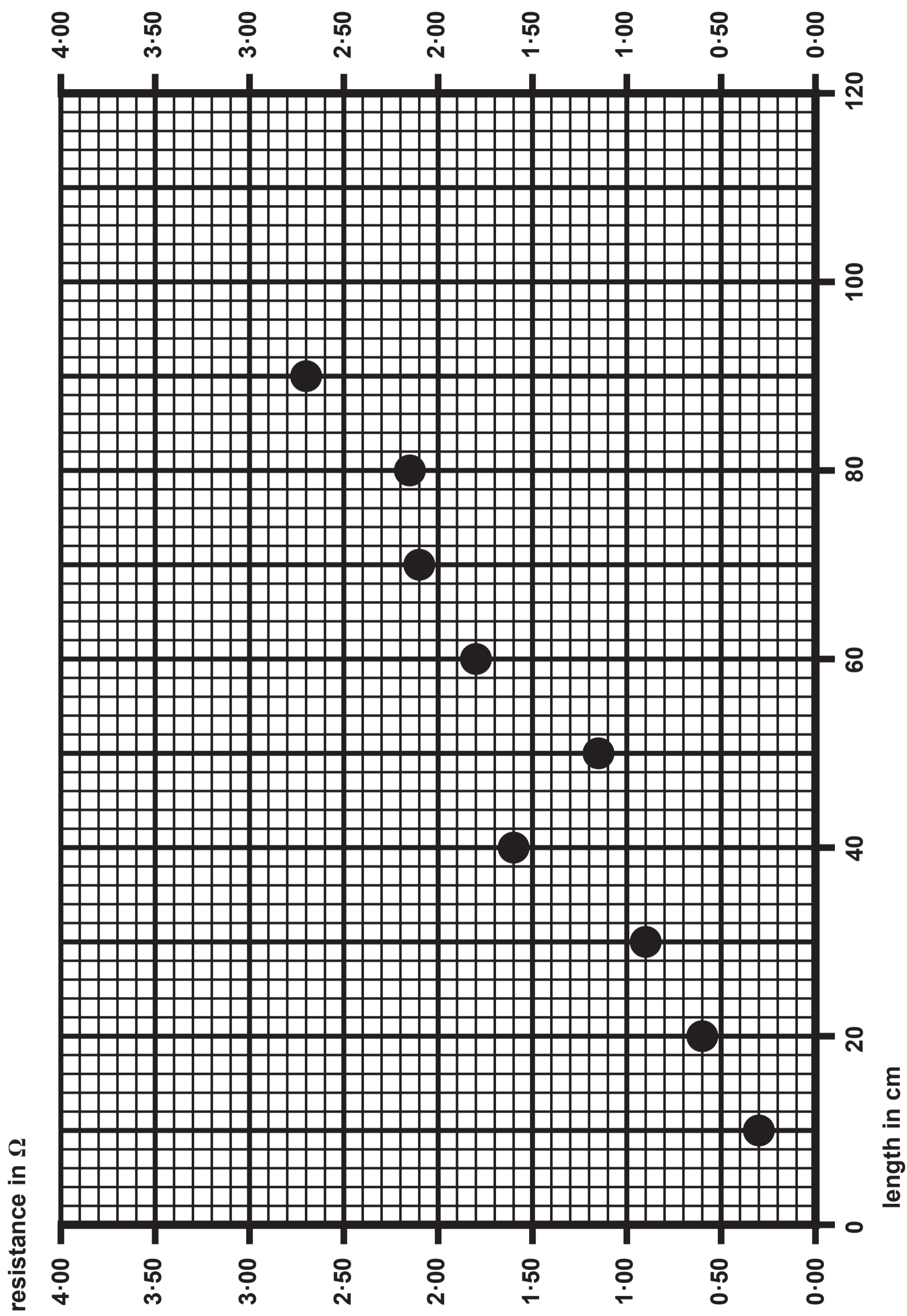
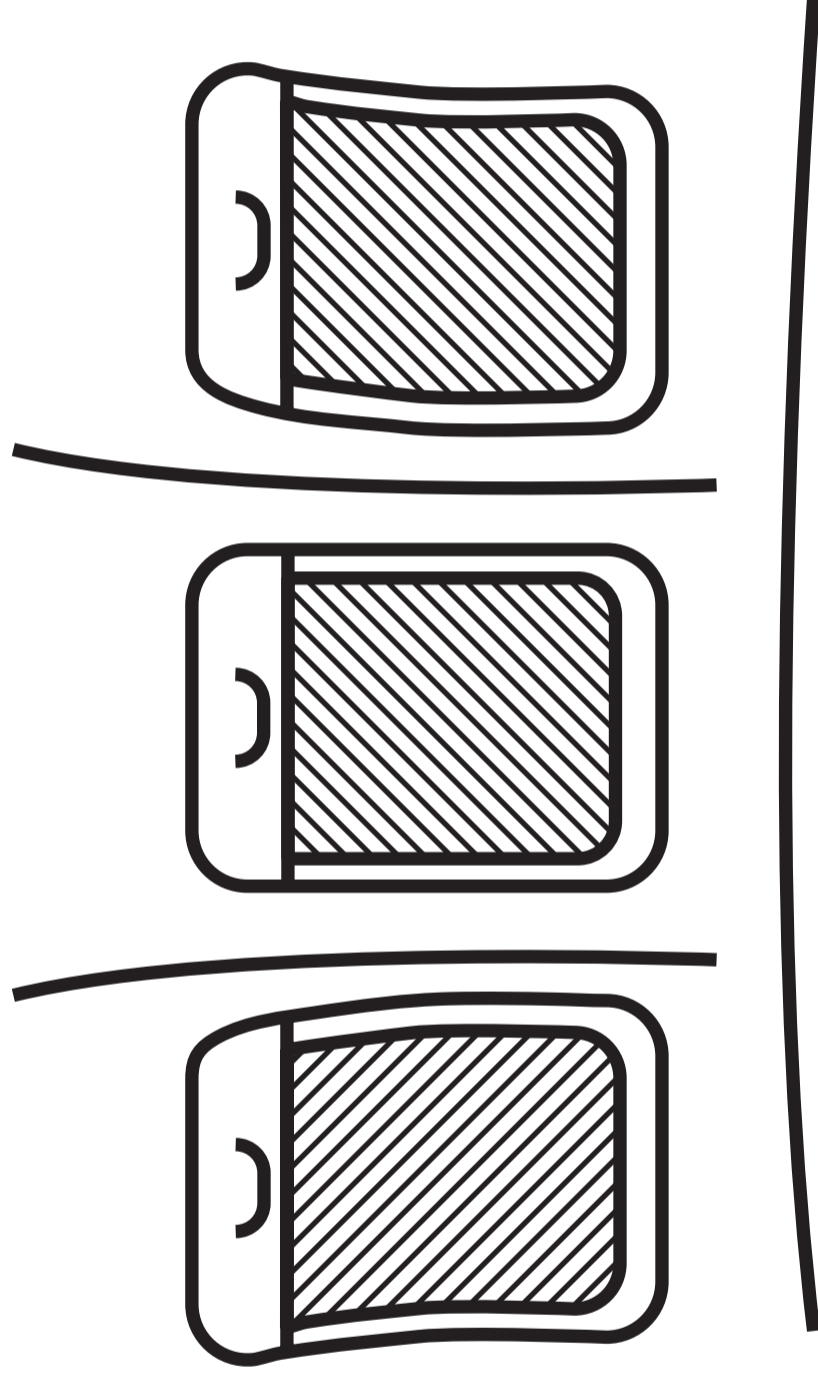


FIGURE 5



## Question 4(a)(iv)

FIGURE 6

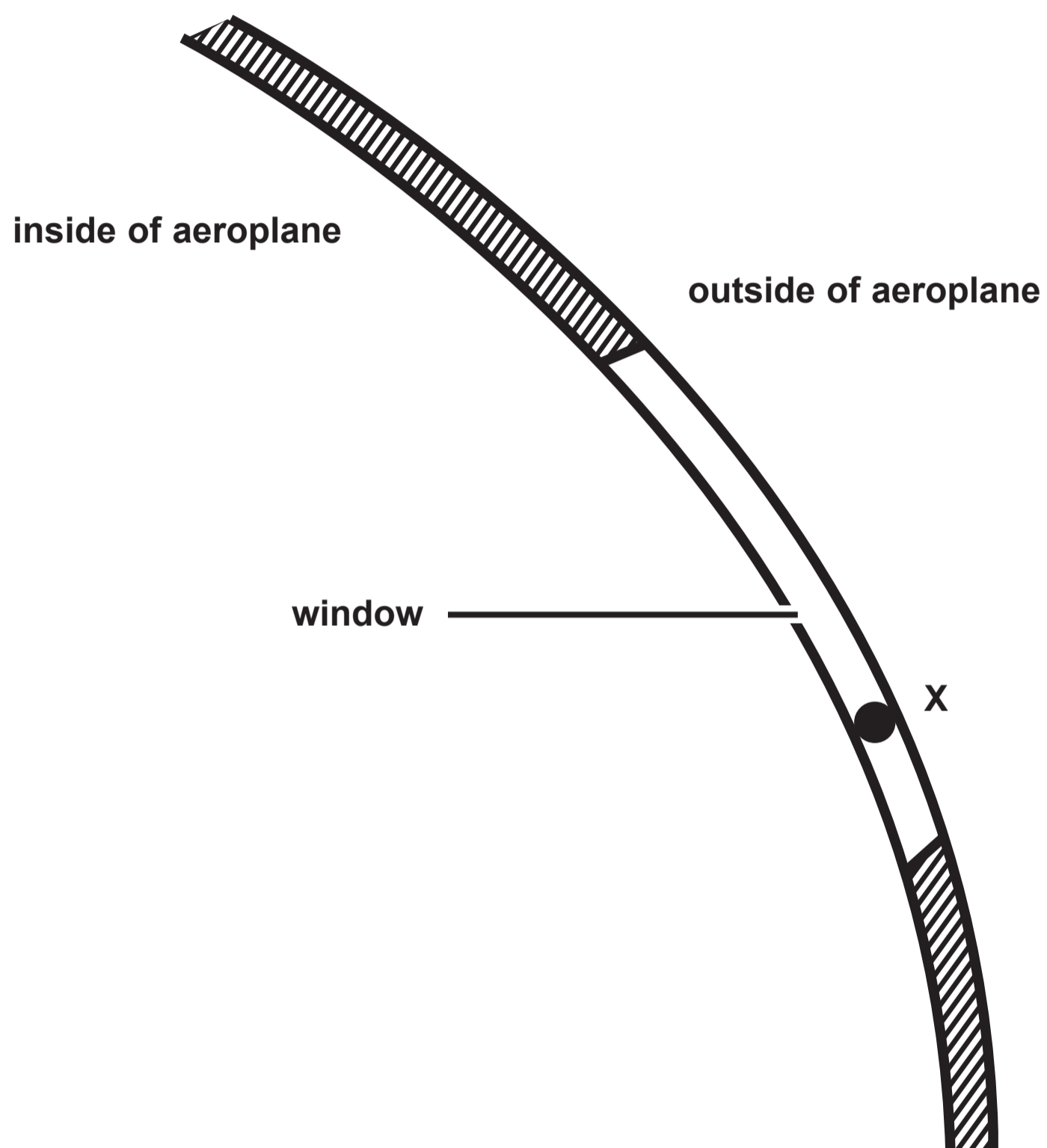
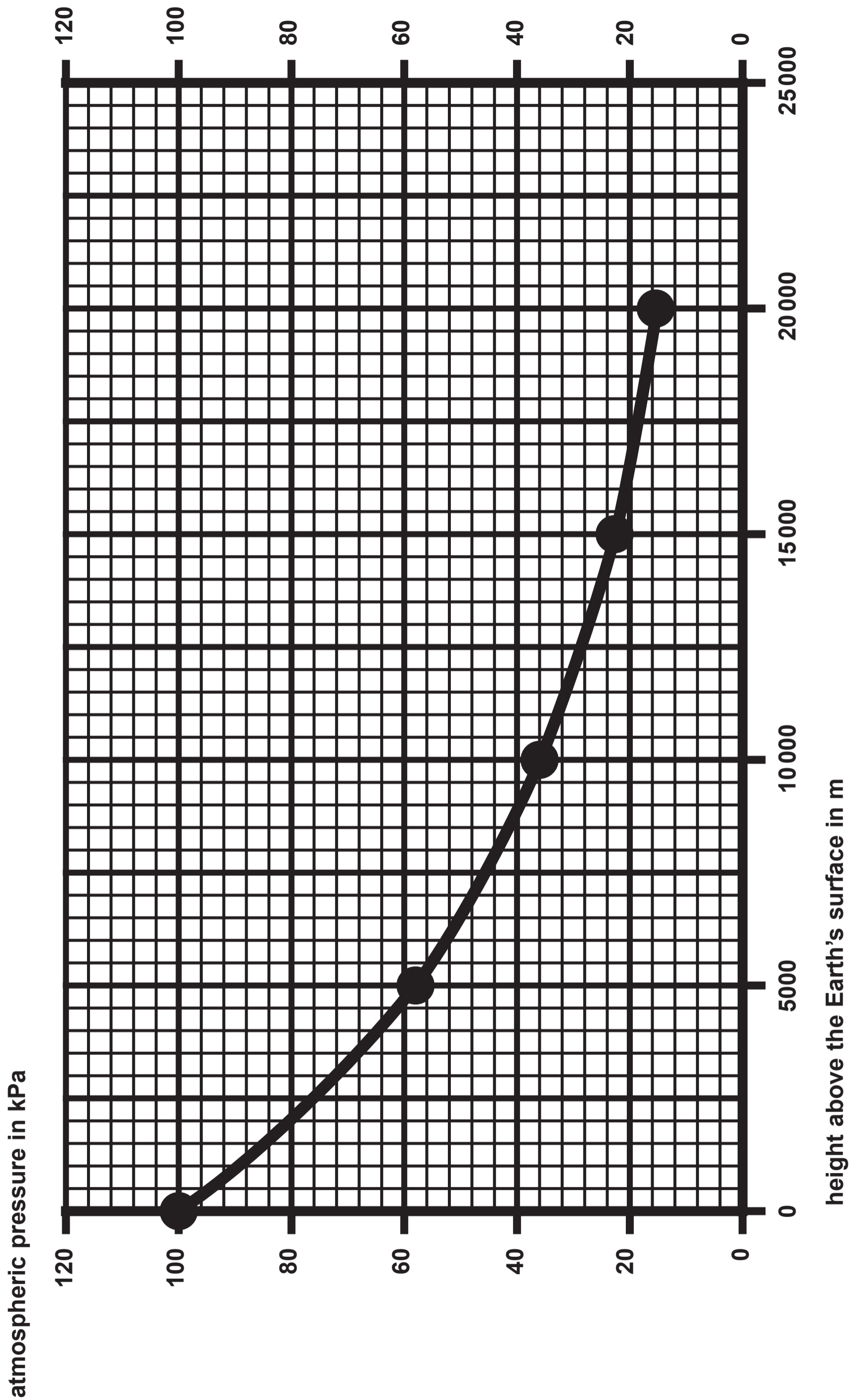


FIGURE 7



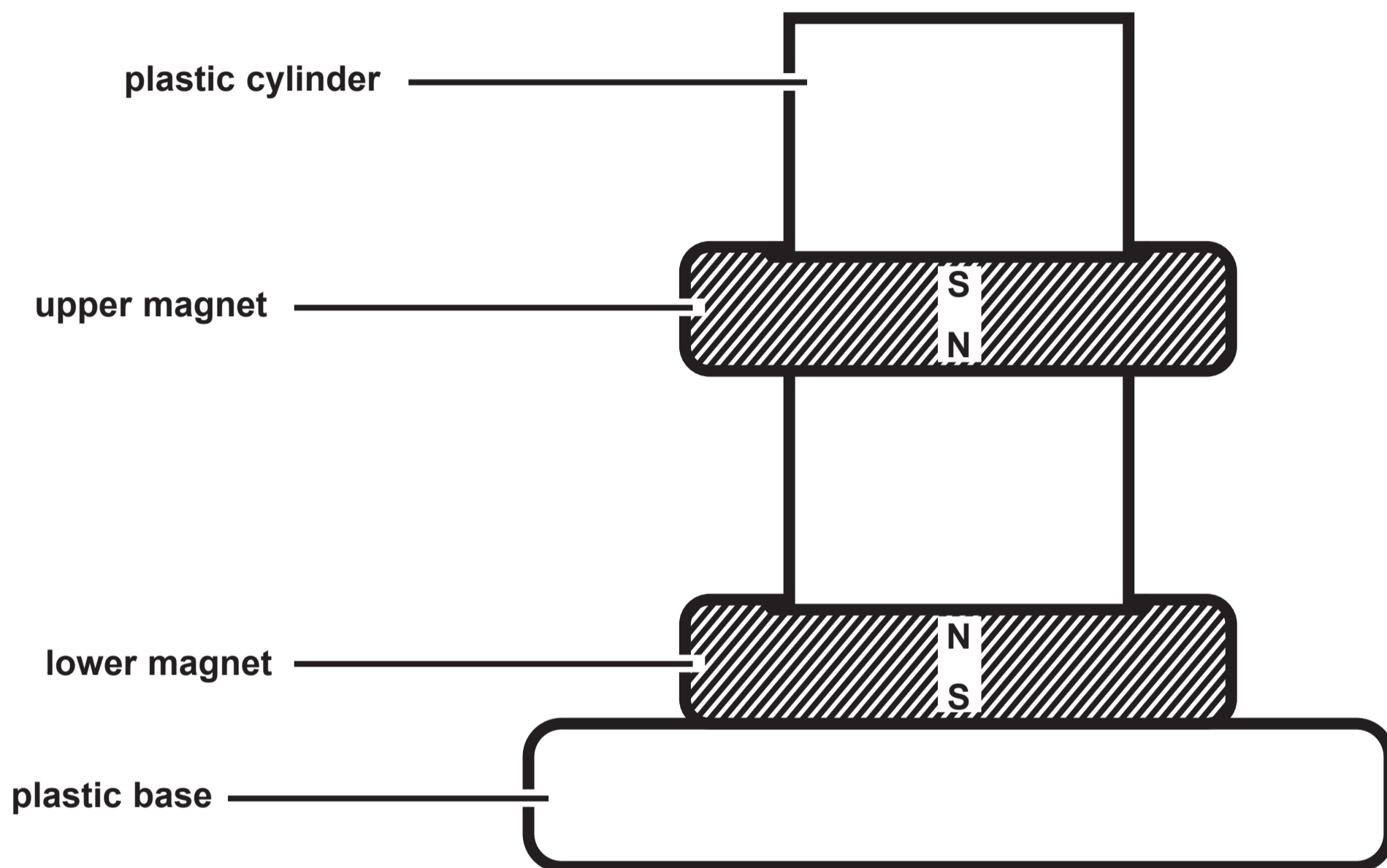
## Question 5(a)

FIGURE 8



## Question 5(b)

FIGURE 9



## Question 5(c)

FIGURE 10

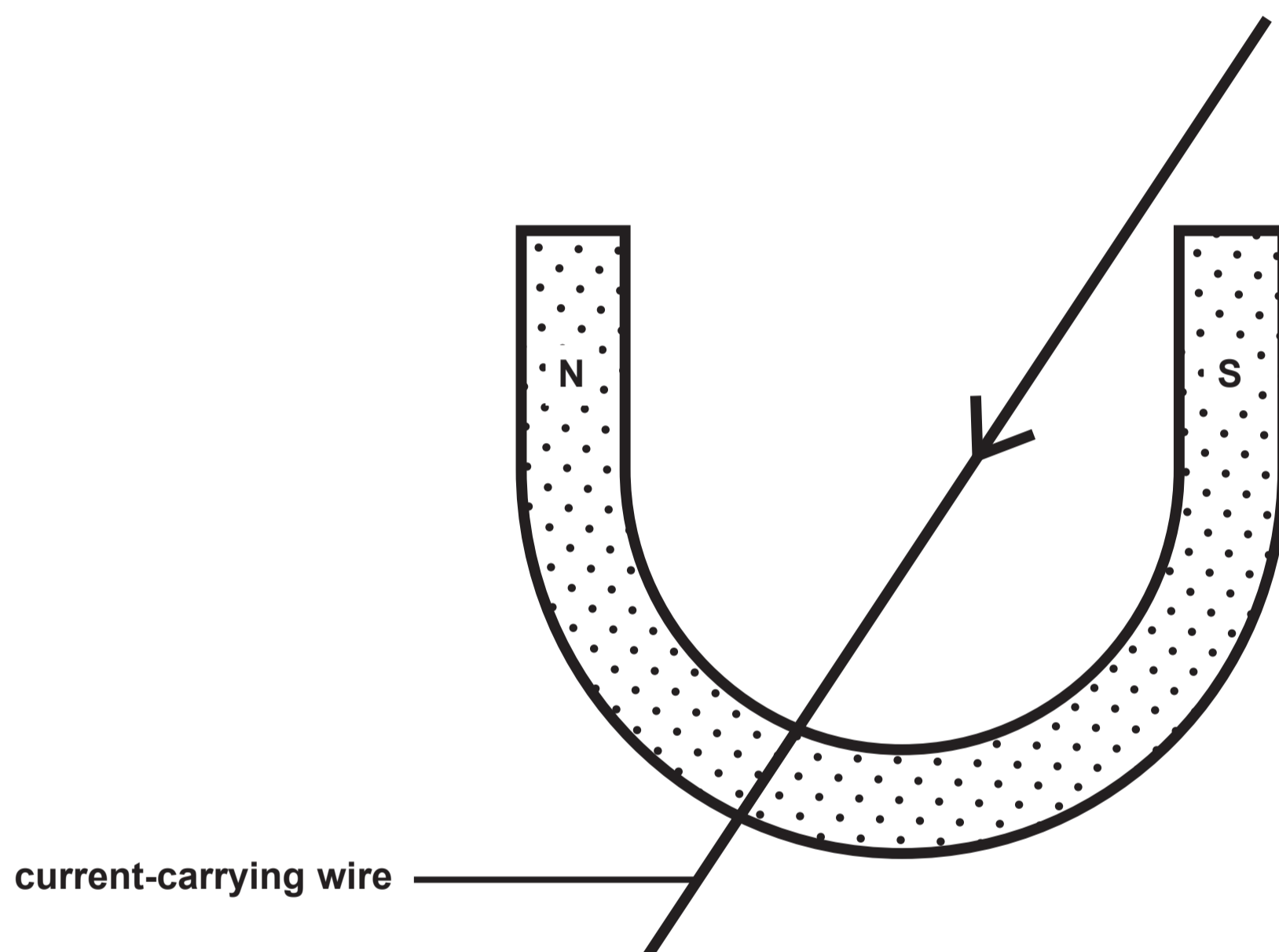
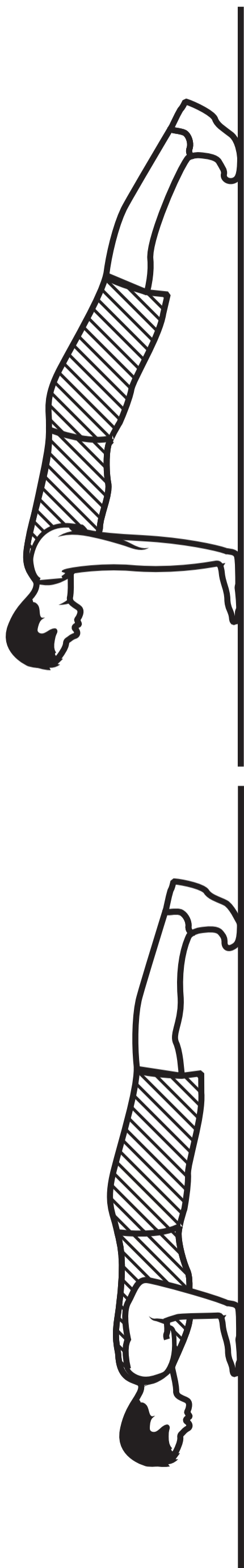


FIGURE 11



## Question 6(b)

FIGURE 12

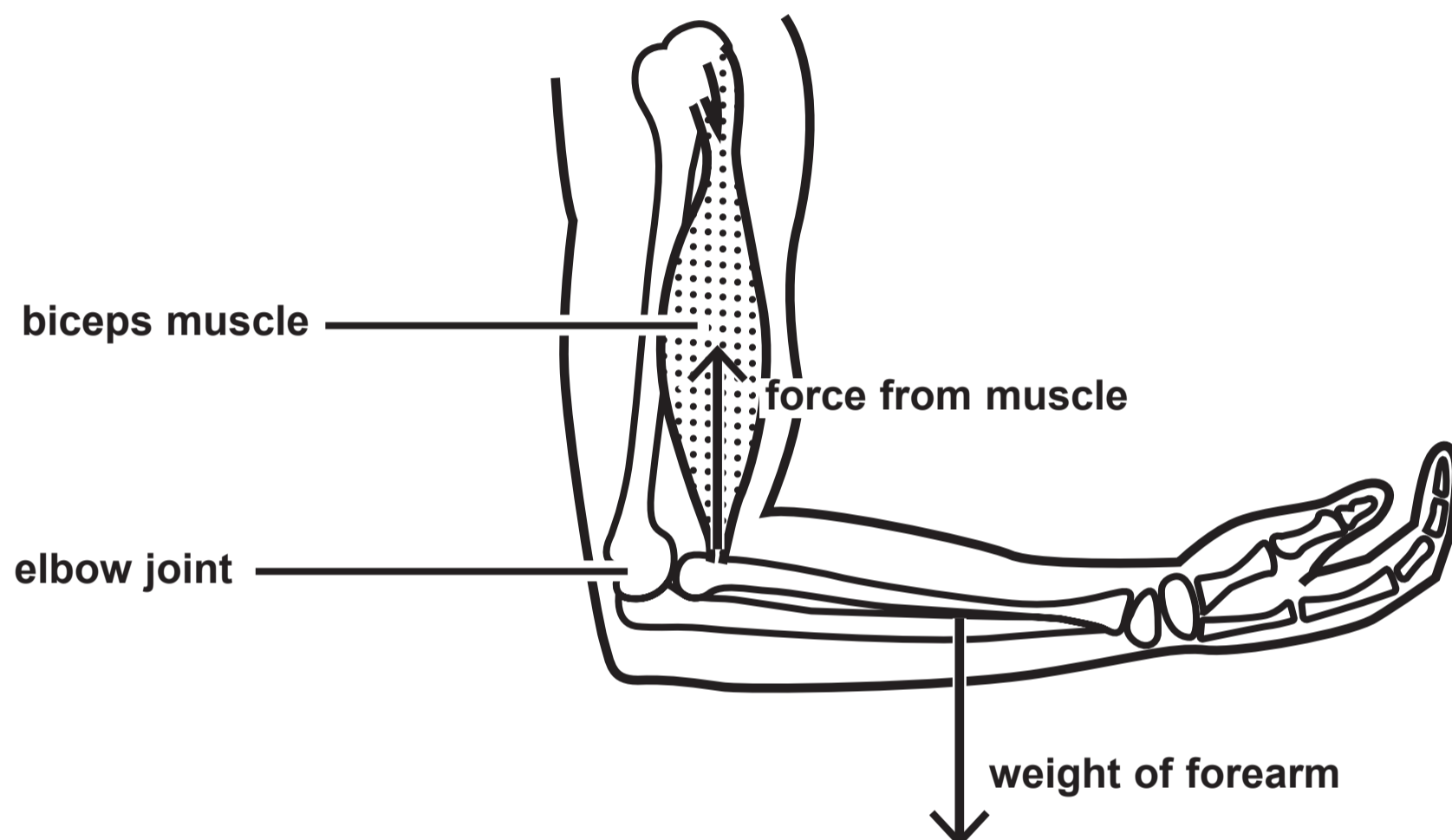
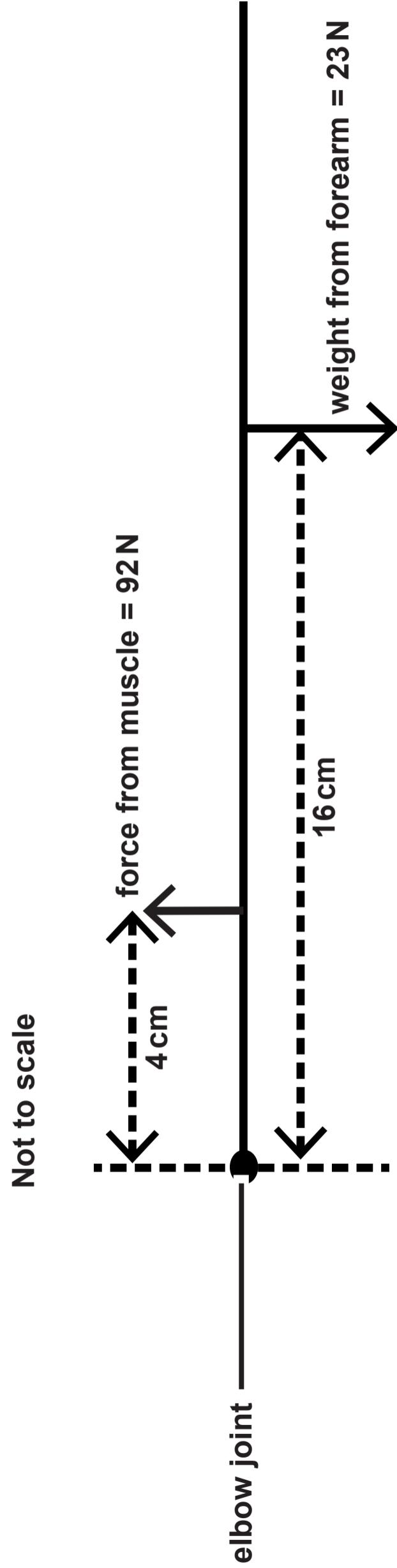


FIGURE 13



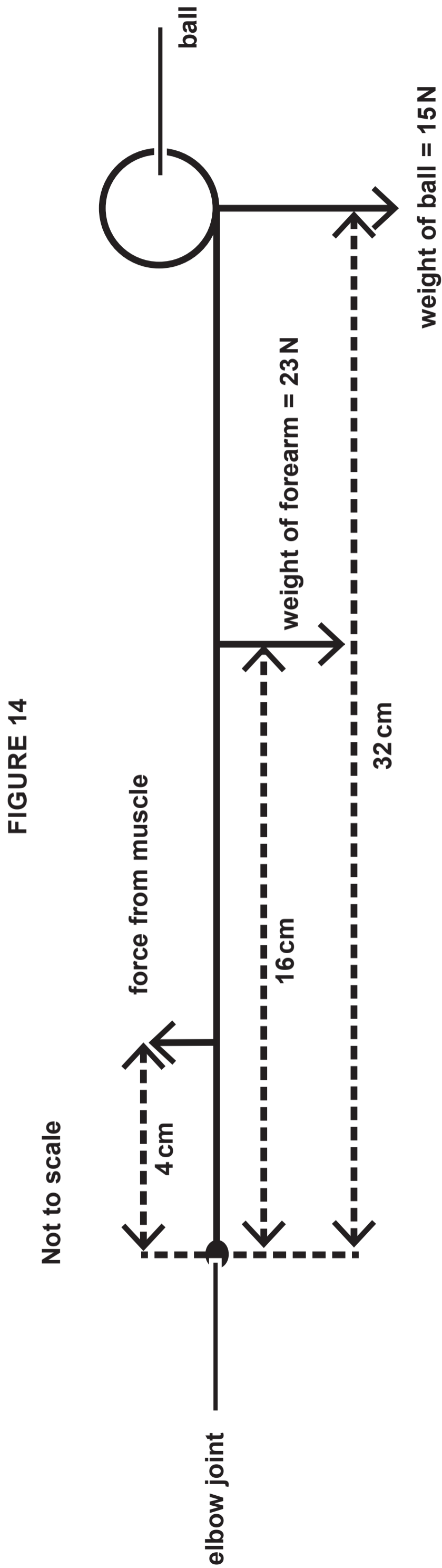


FIGURE 15

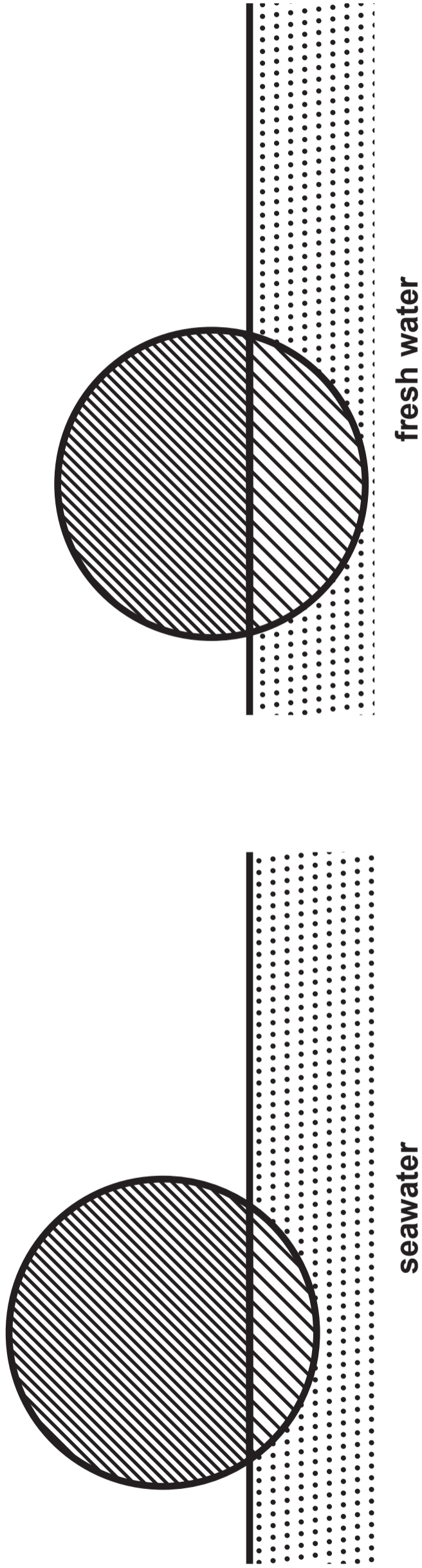


FIGURE 16

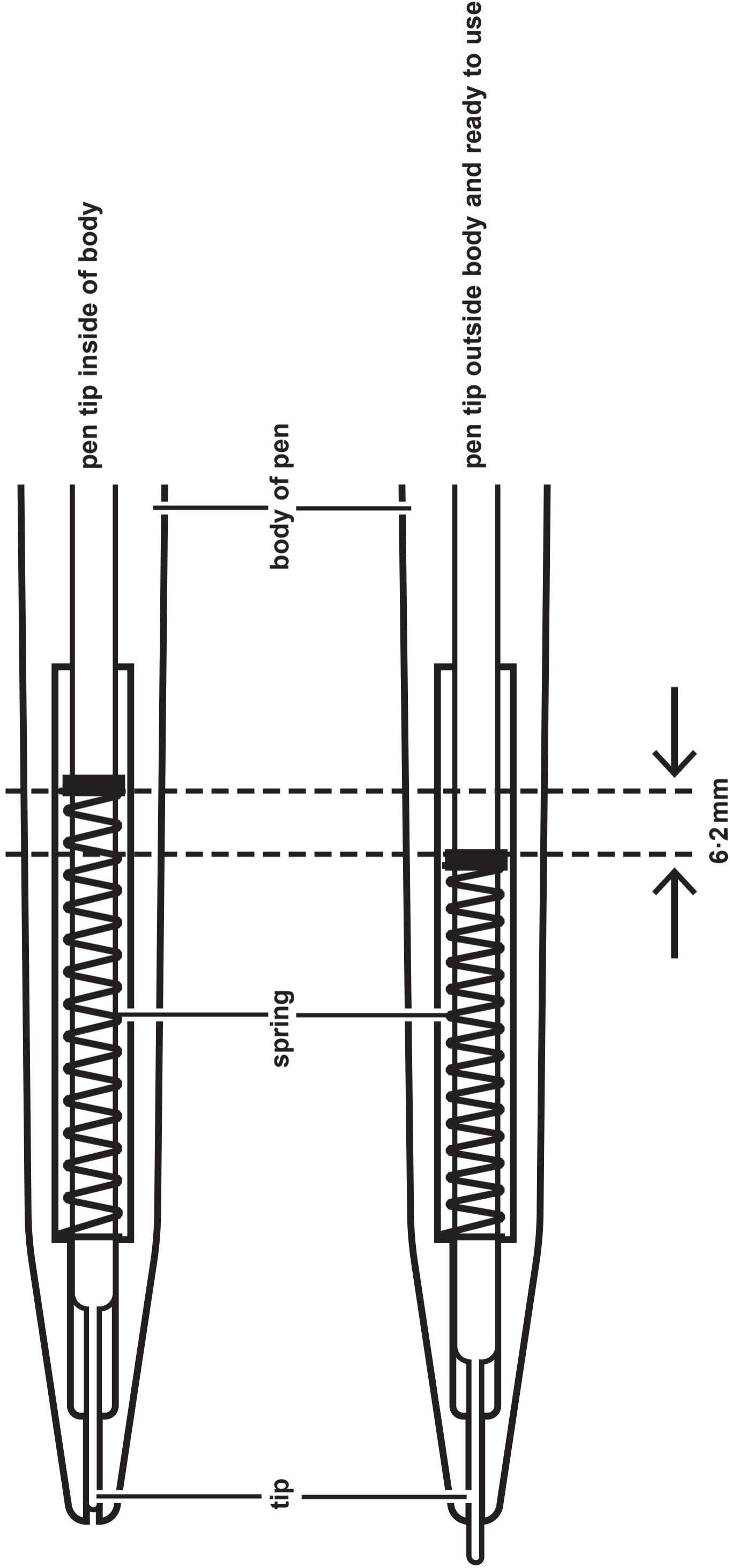
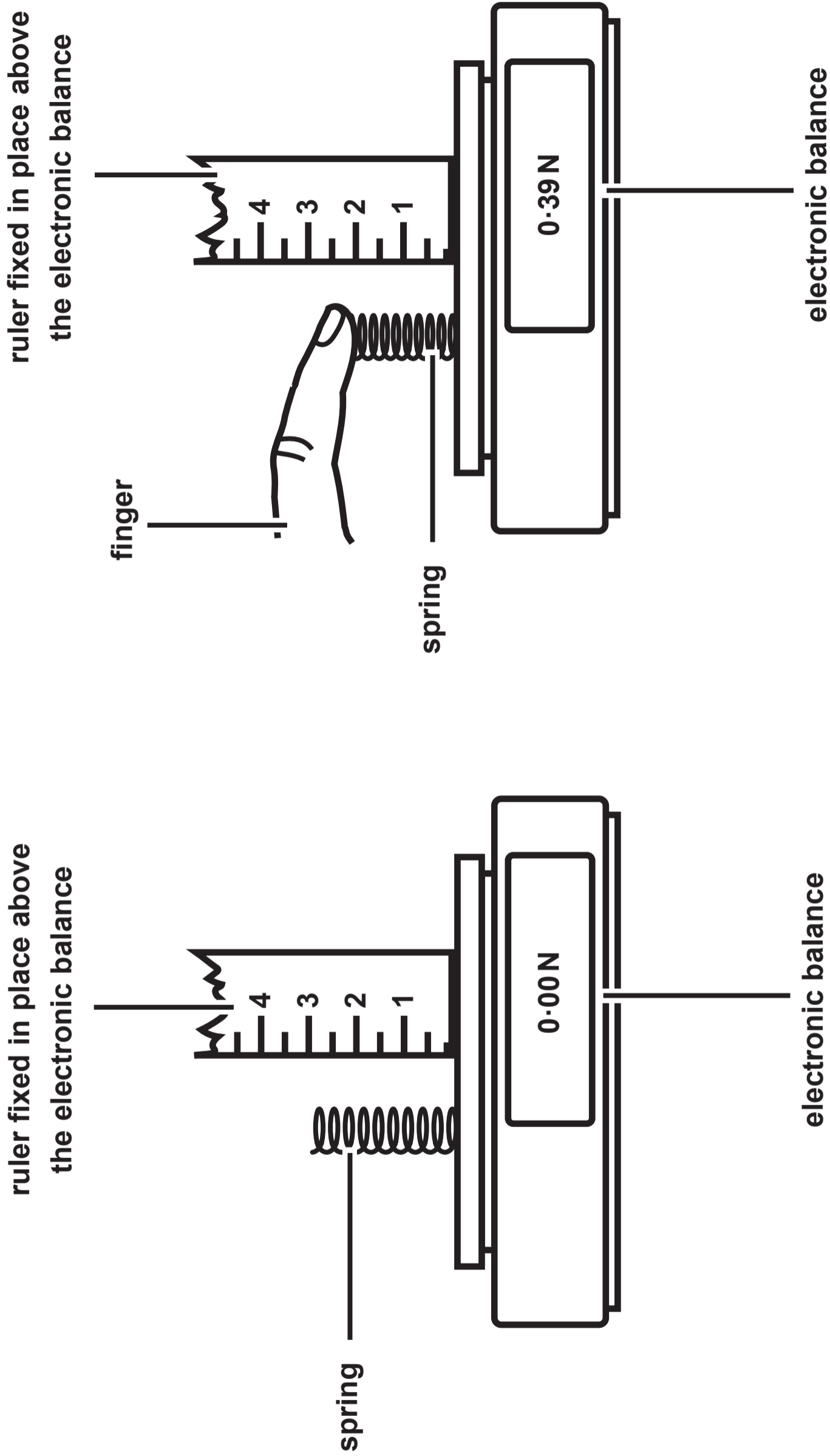


FIGURE 17



## Question 7(b)

FIGURE 18

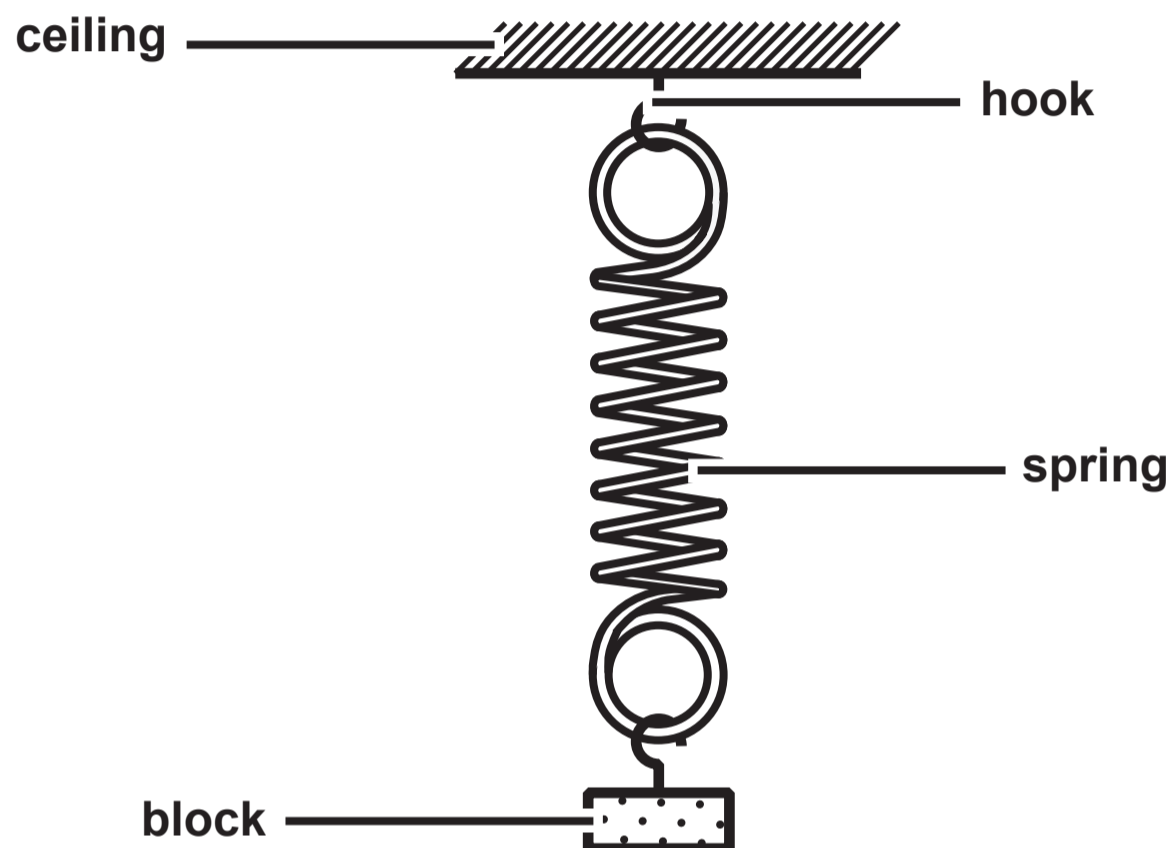


diagram is drawn to scale

FIGURE 19

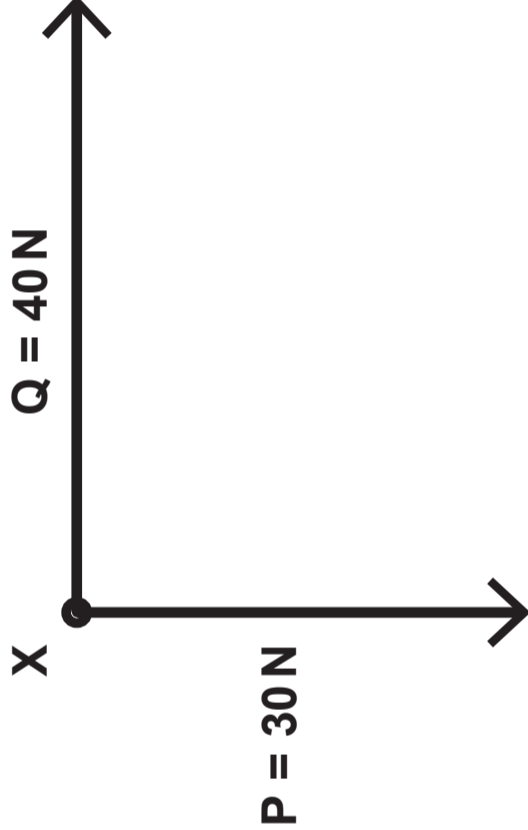


FIGURE 20

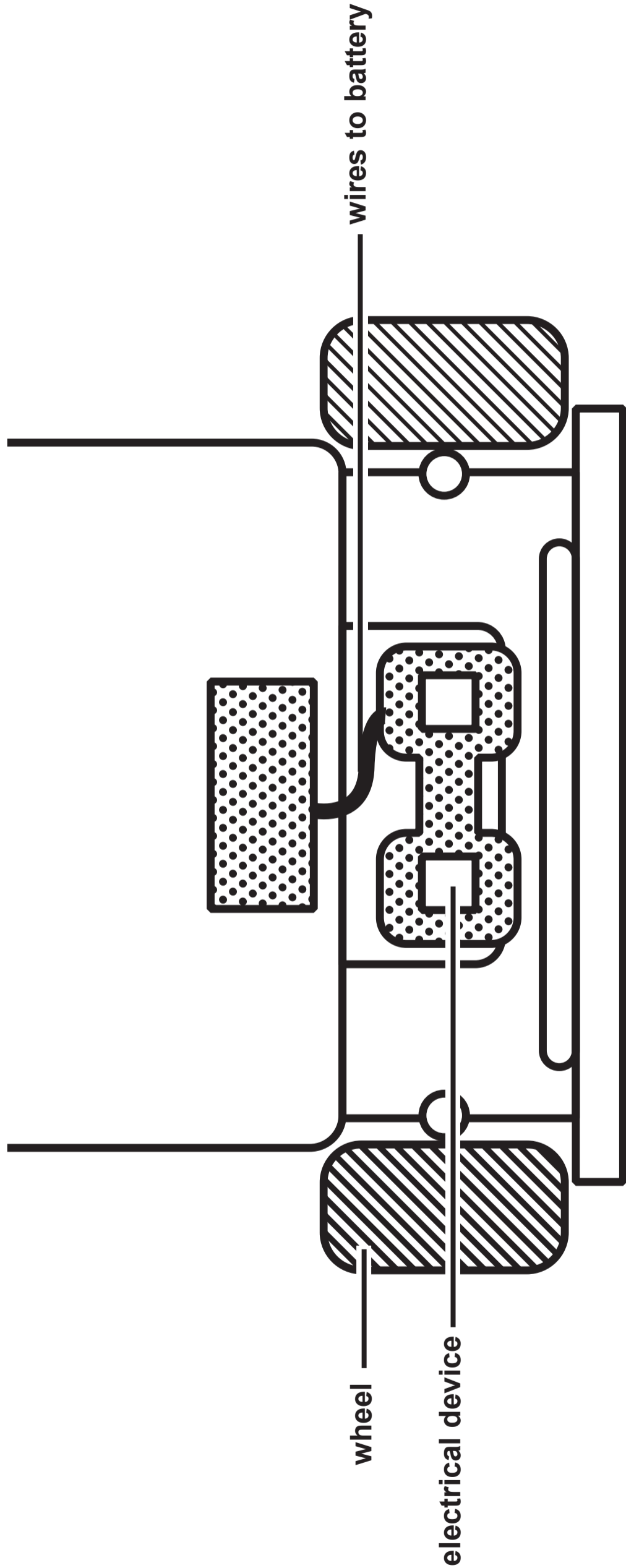


FIGURE 21

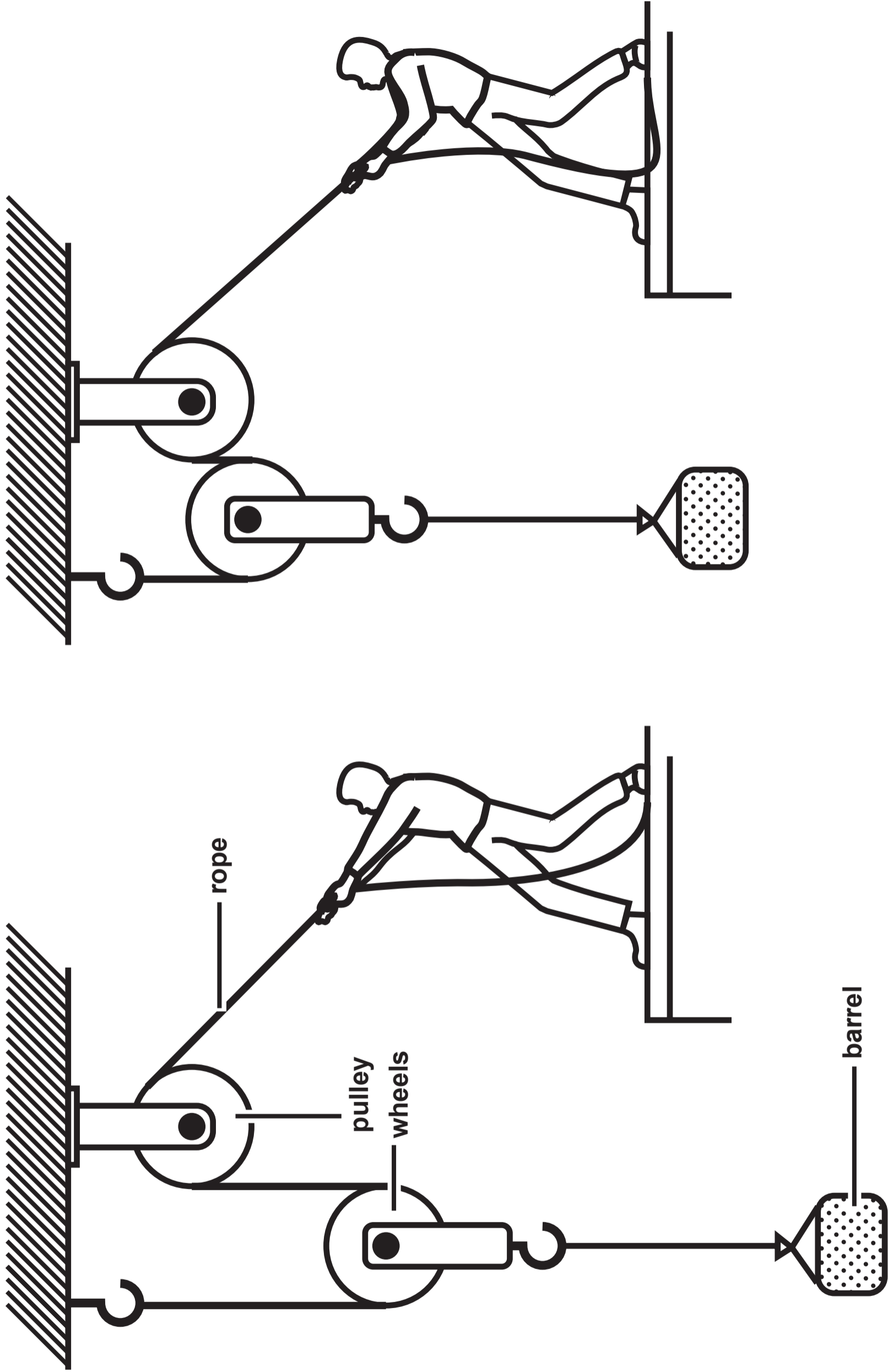


FIGURE 22

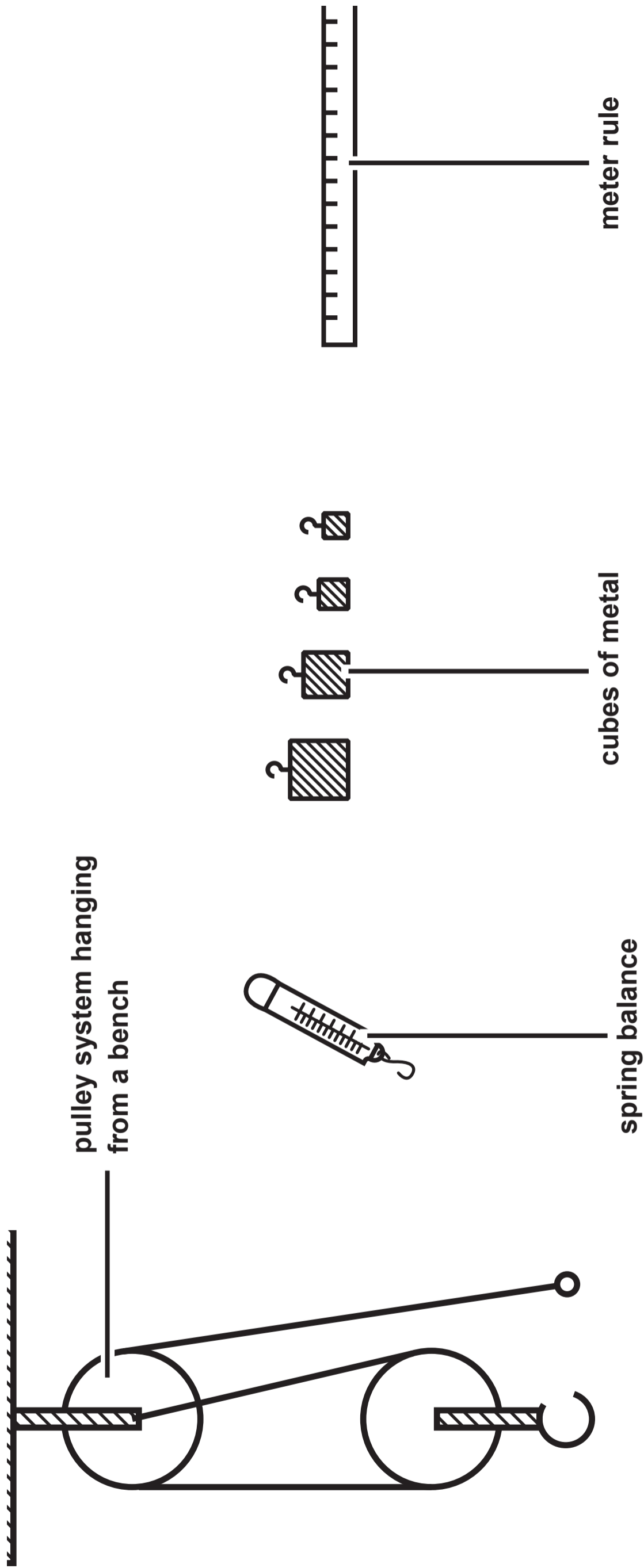
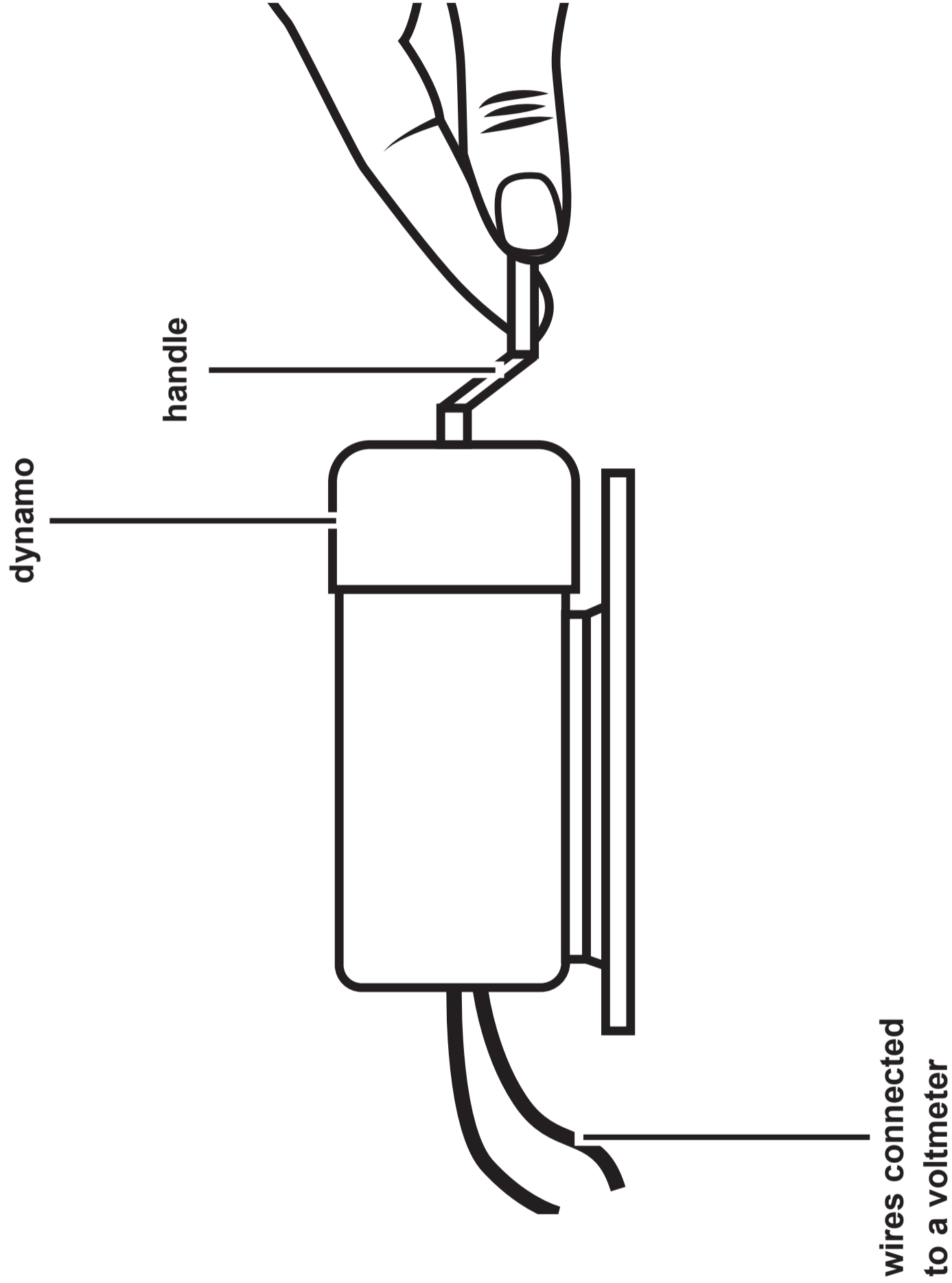


FIGURE 23



## Question 10(a)

FIGURE 24(a)

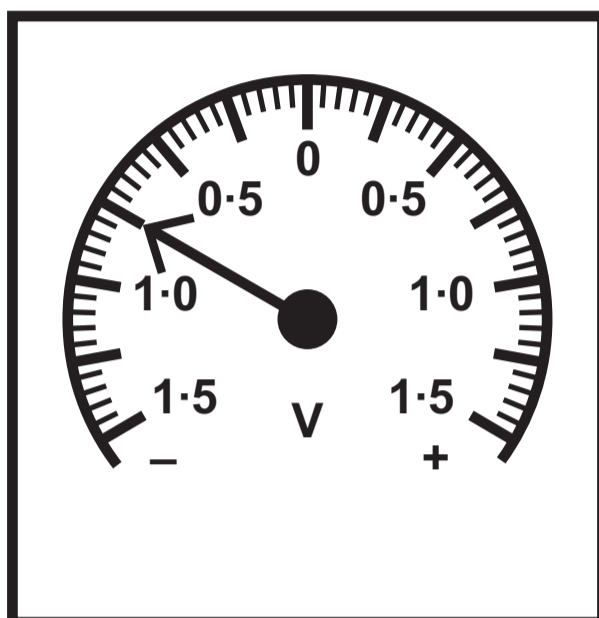


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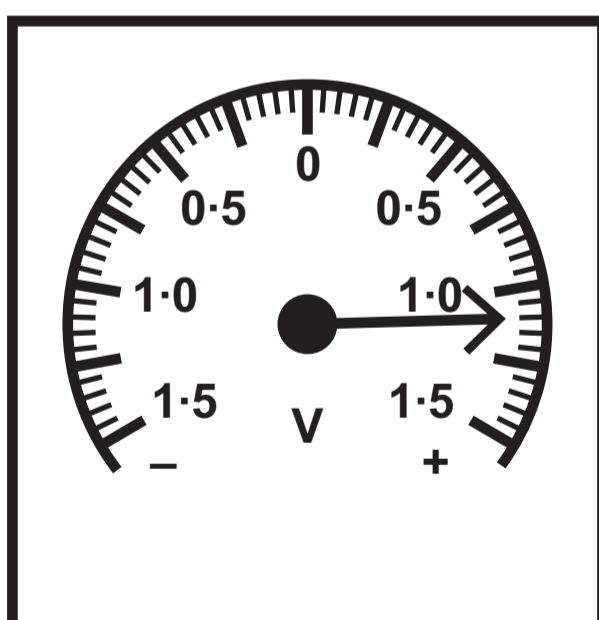


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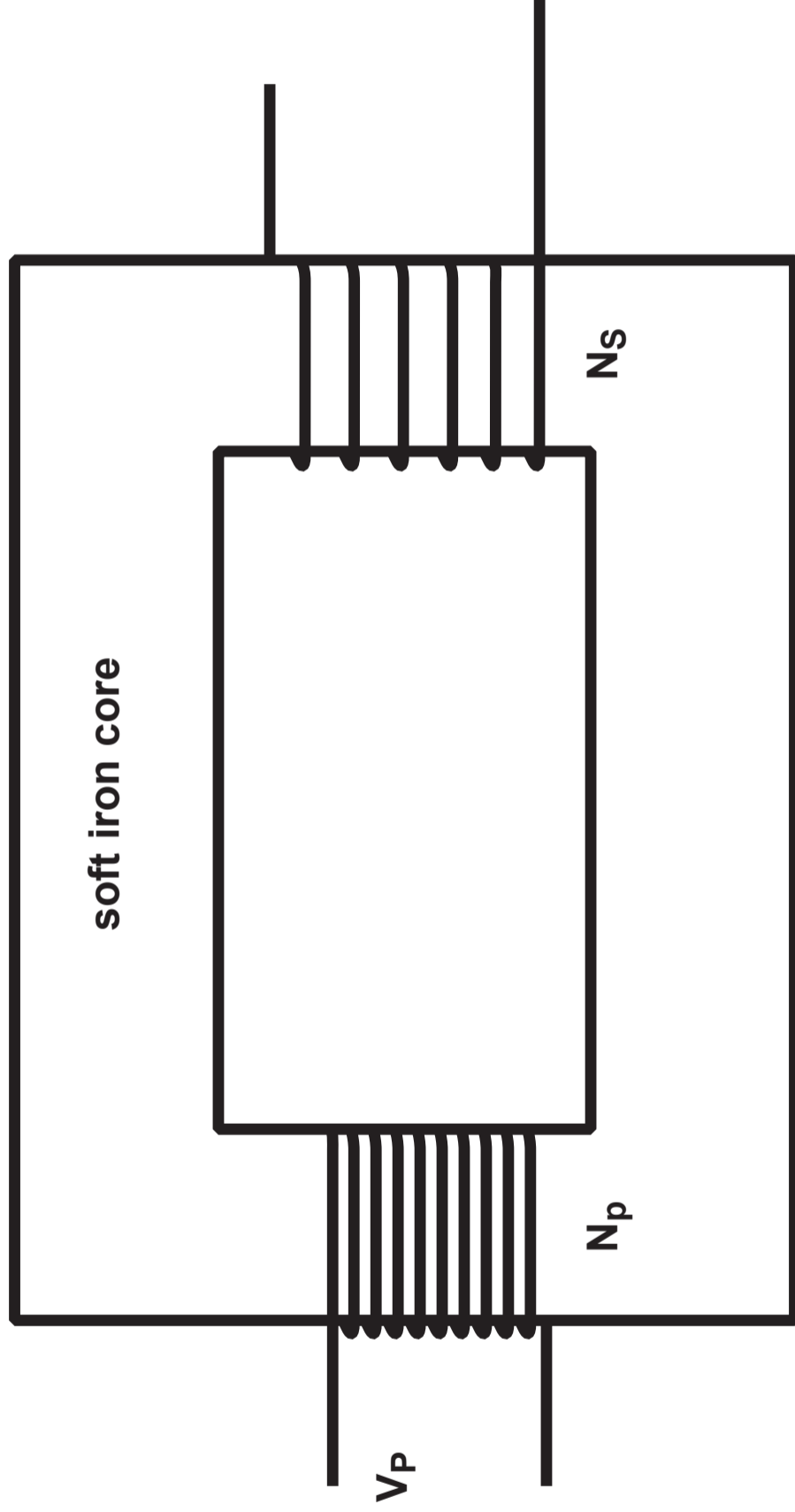
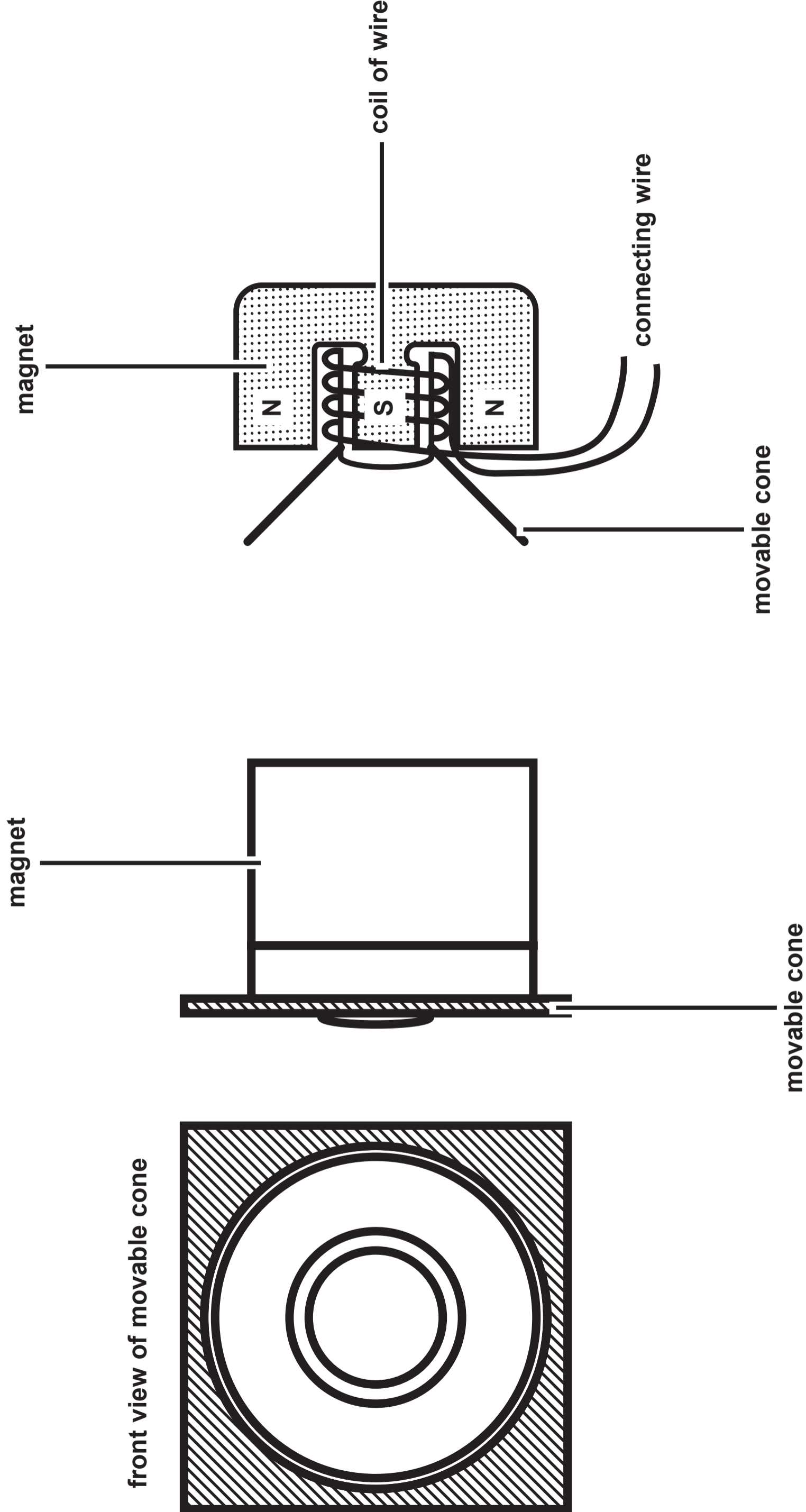
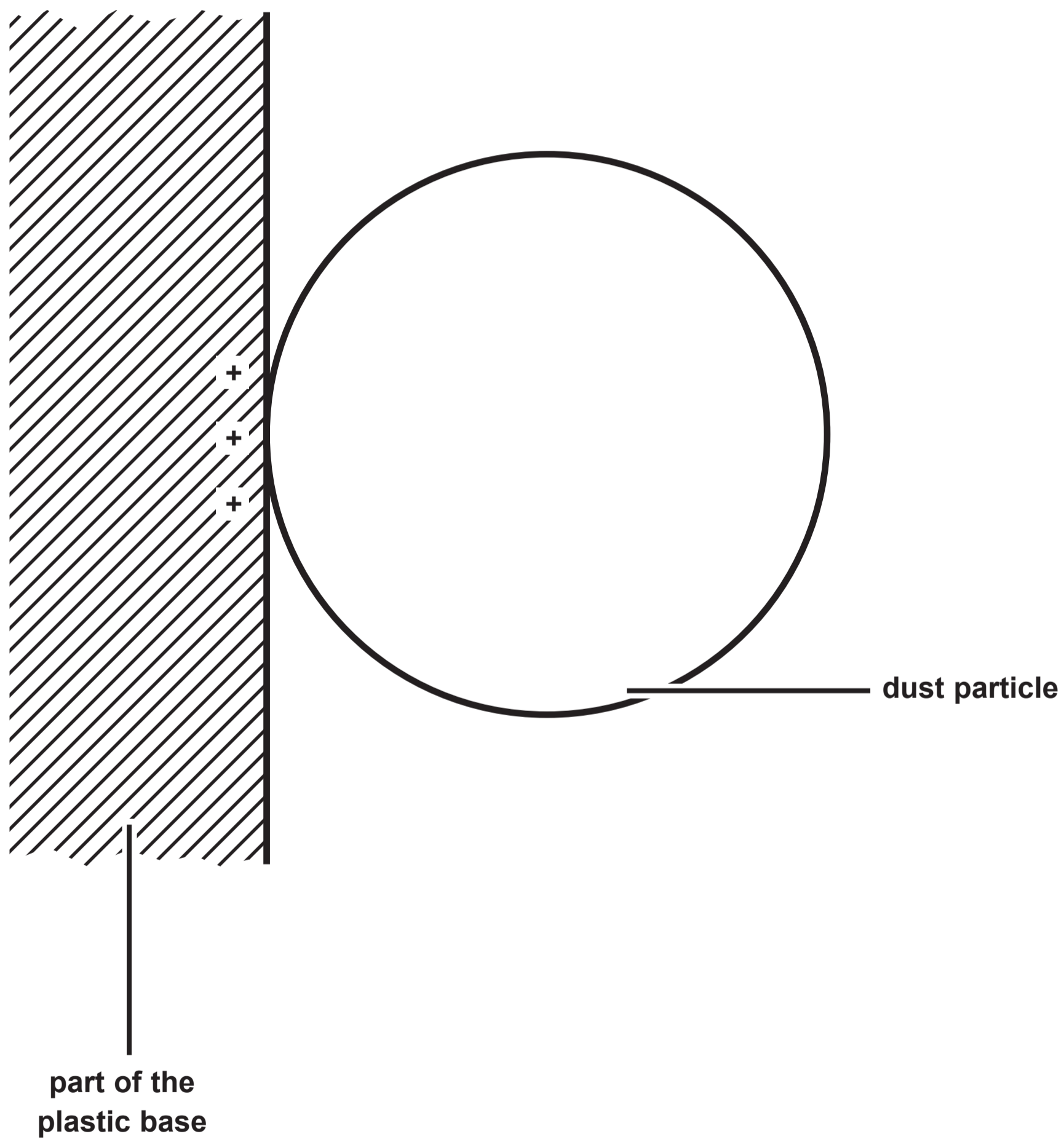


FIGURE 26



## Question 1(c)

FIGURE 2



Question 2(a)

FIGURE 3

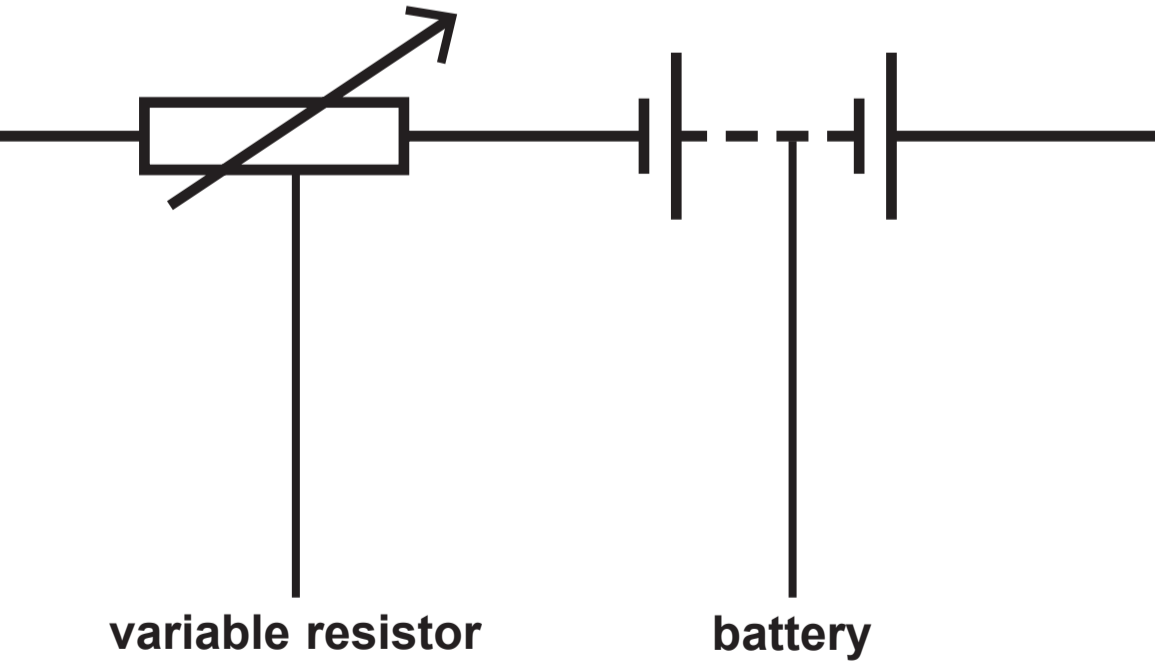
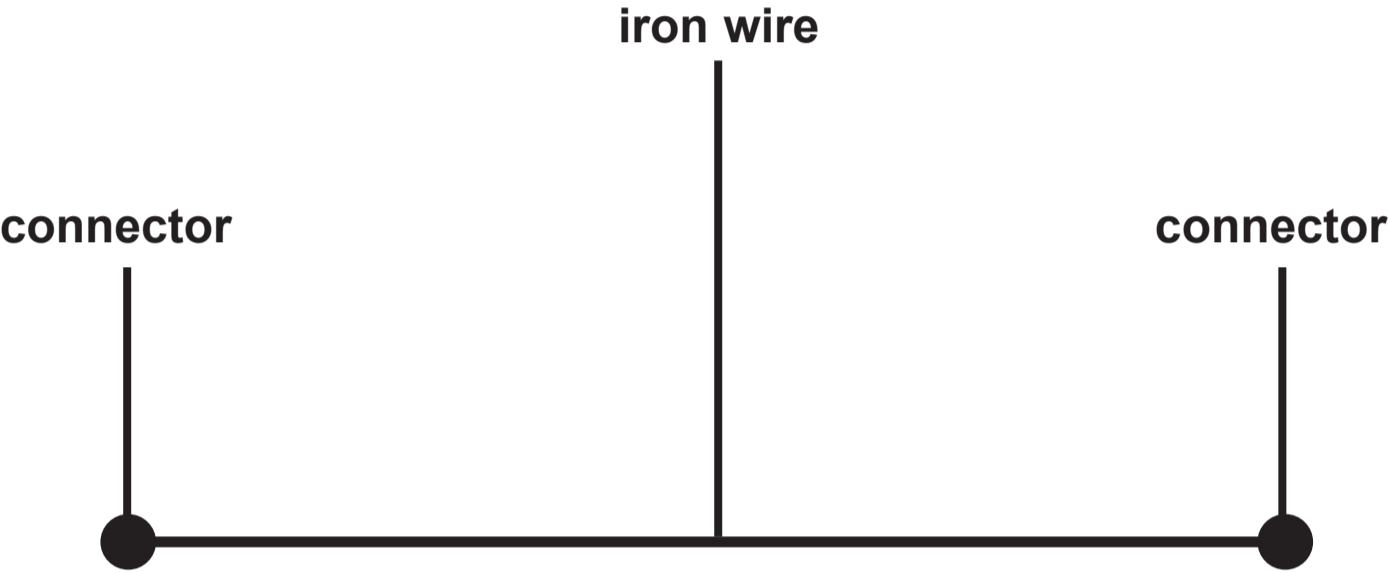
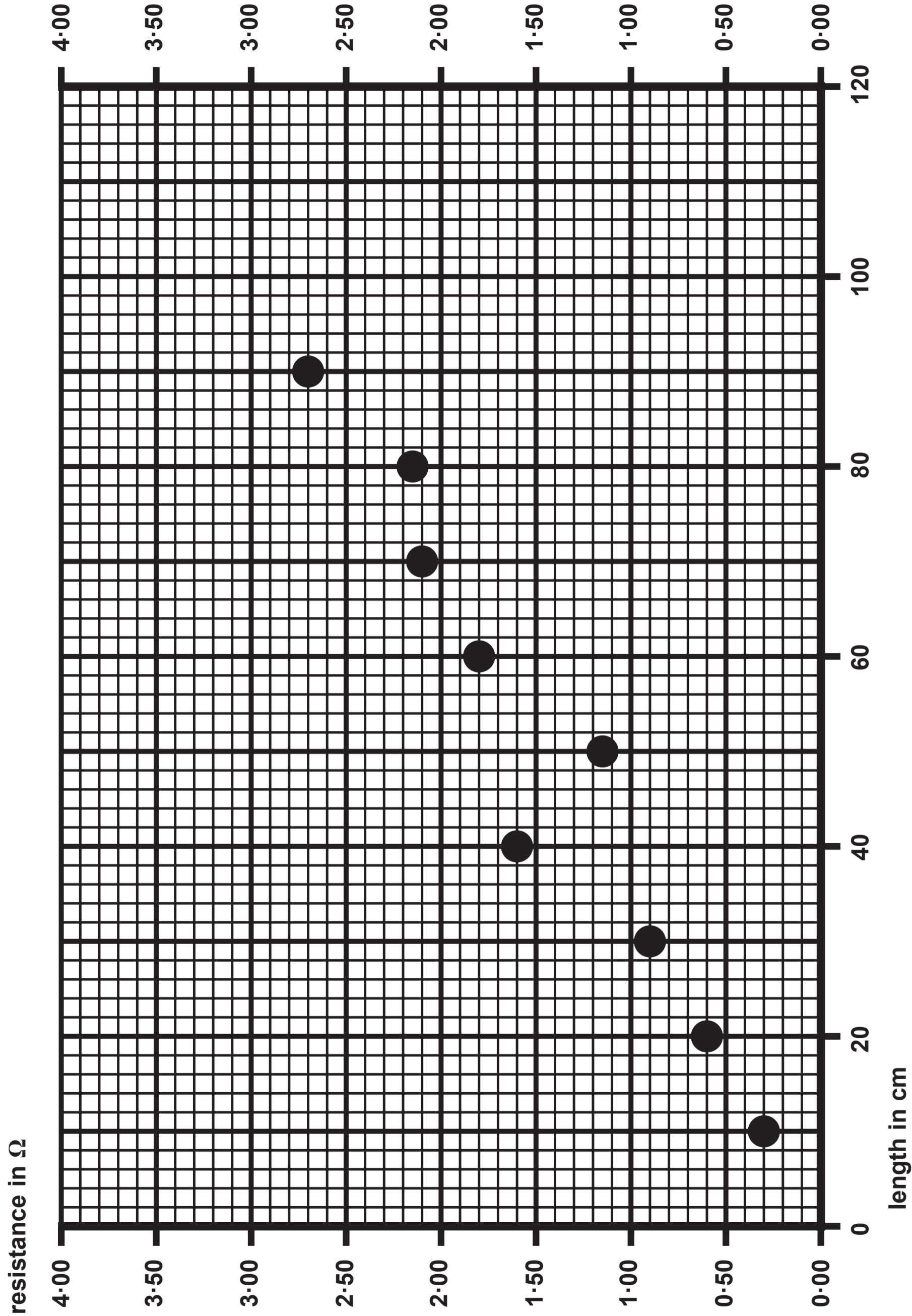
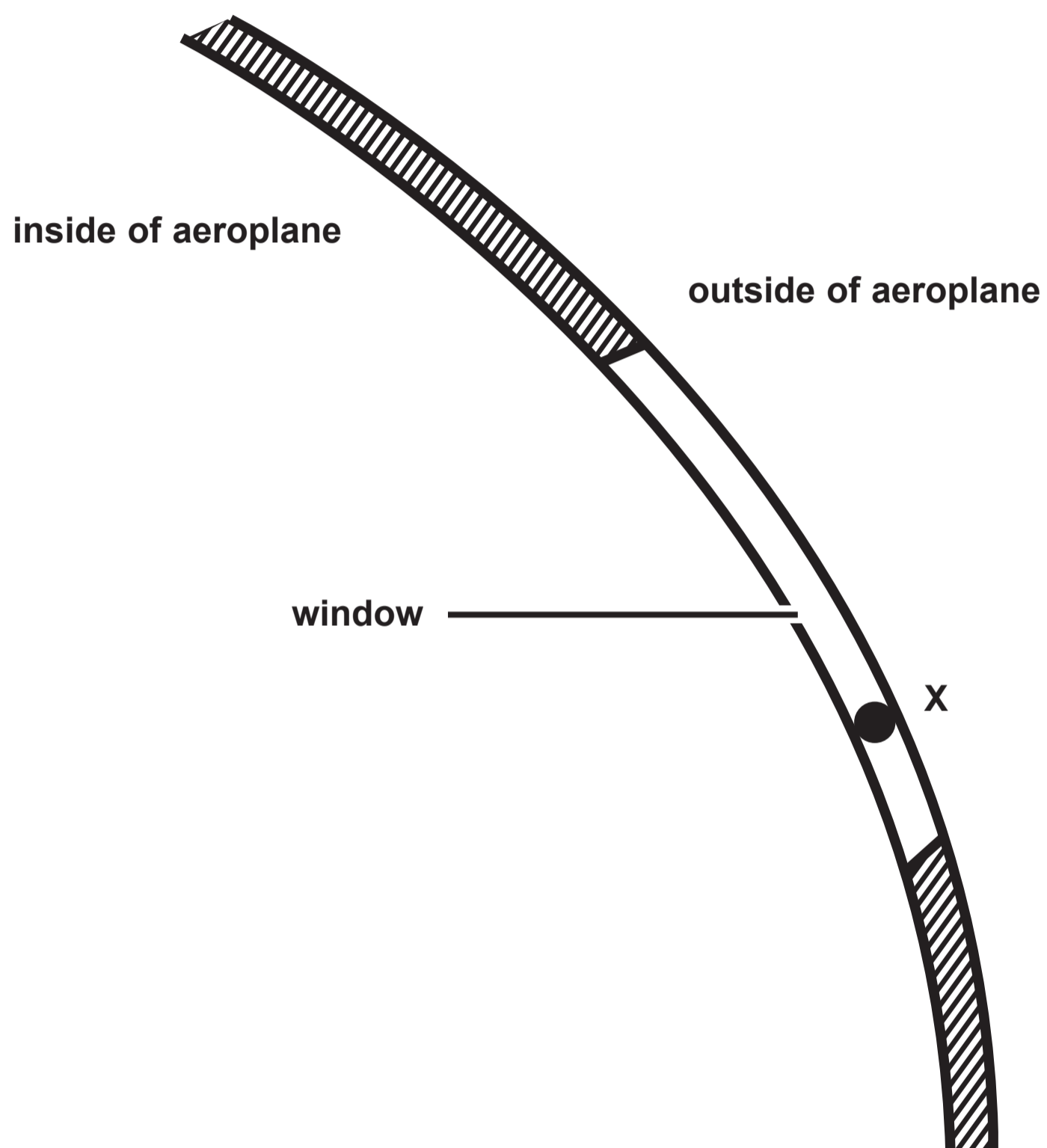


FIGURE 4



## Question 4(a)(iv)

FIGURE 6



## Question 5(a)

FIGURE 8



diagram is drawn to scale

FIGURE 19

