

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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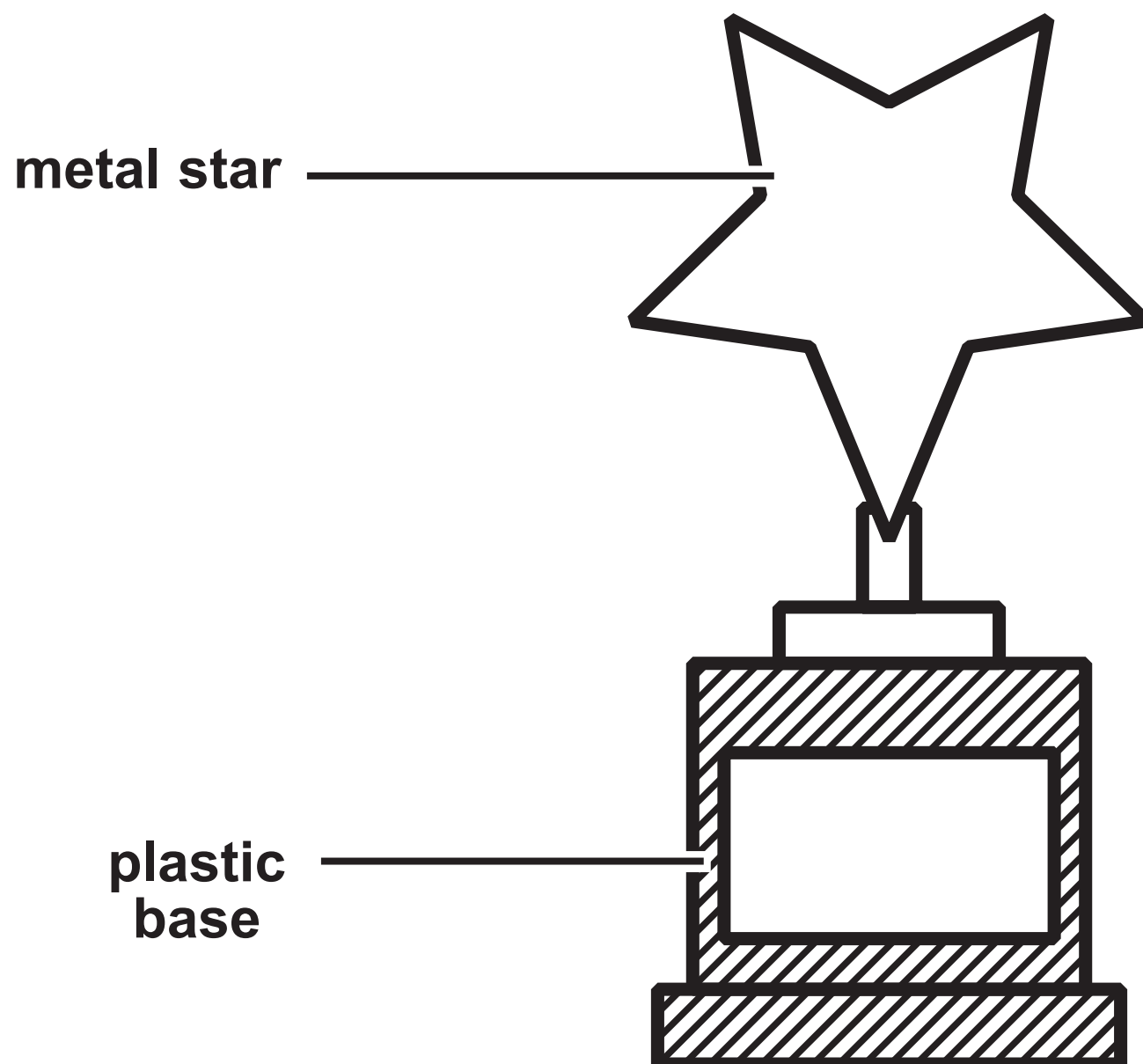
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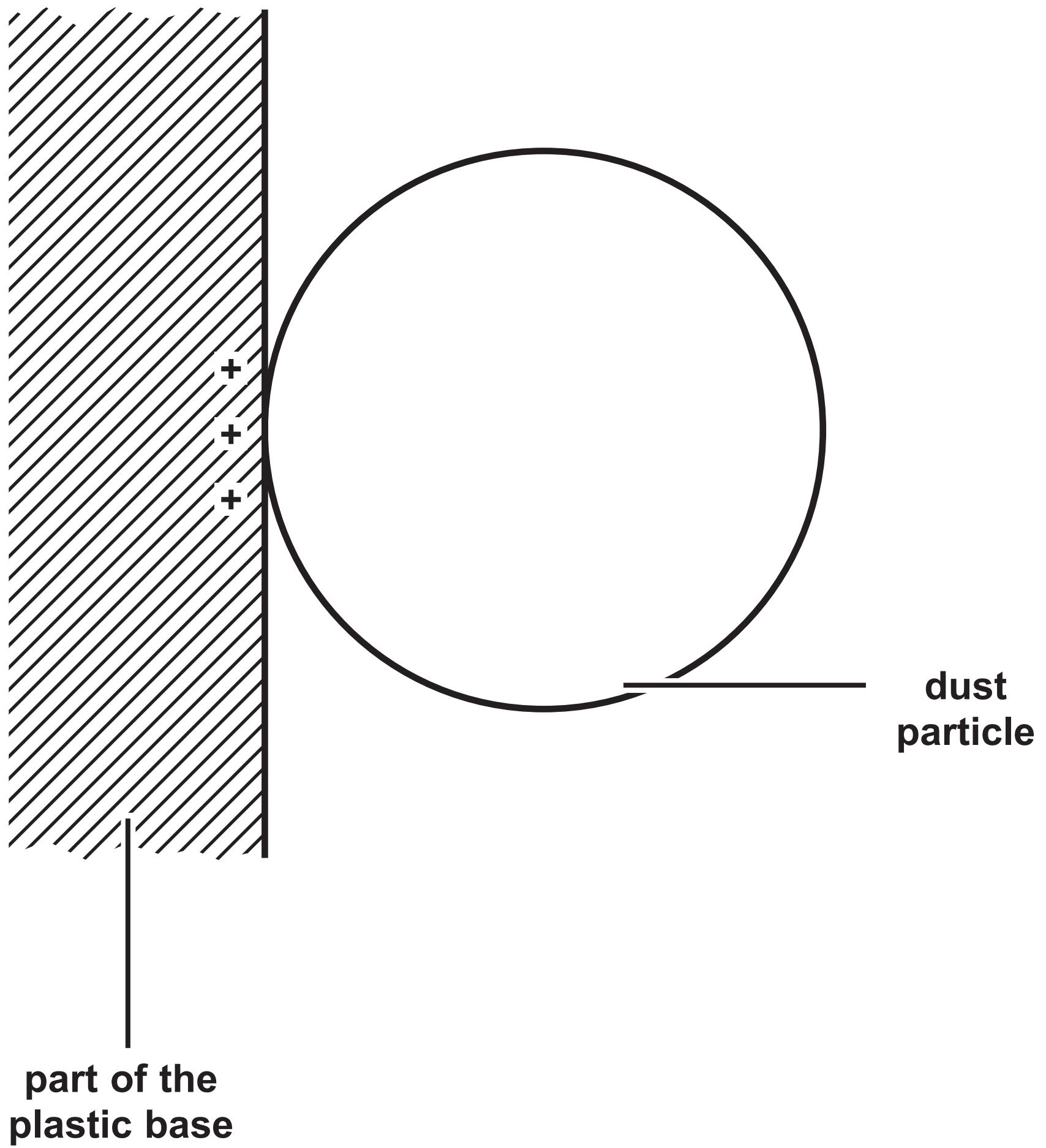
Question 1(a)

FIGURE 1



Question 1(c)

FIGURE 2



Question 2(a)

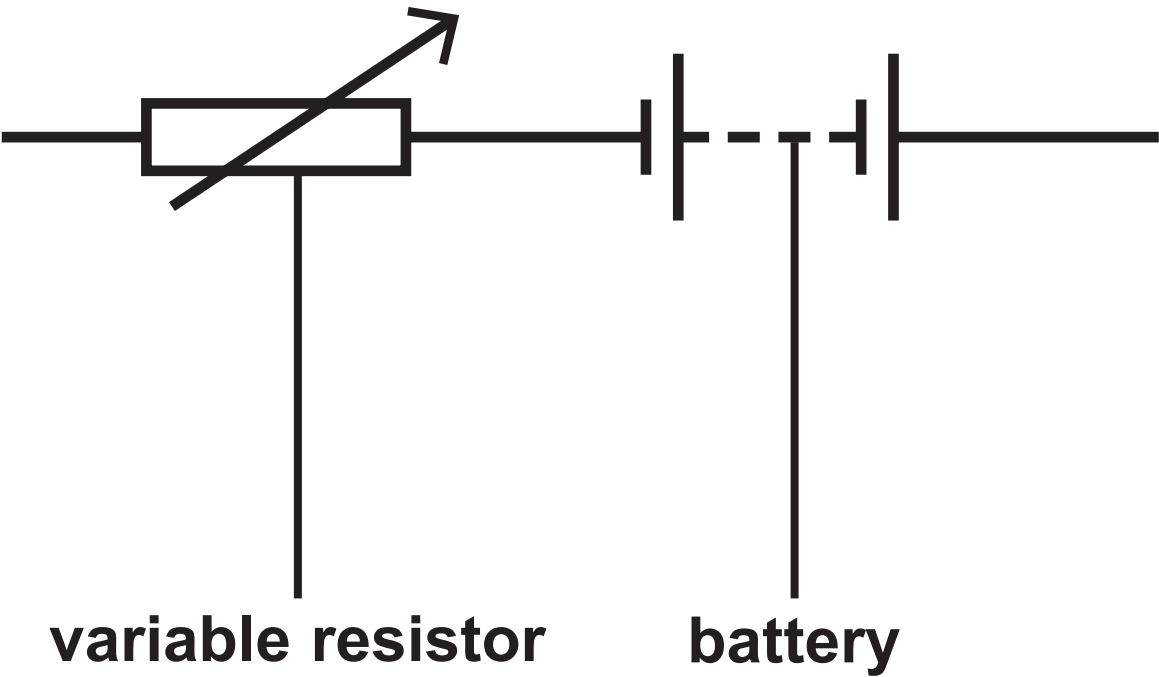
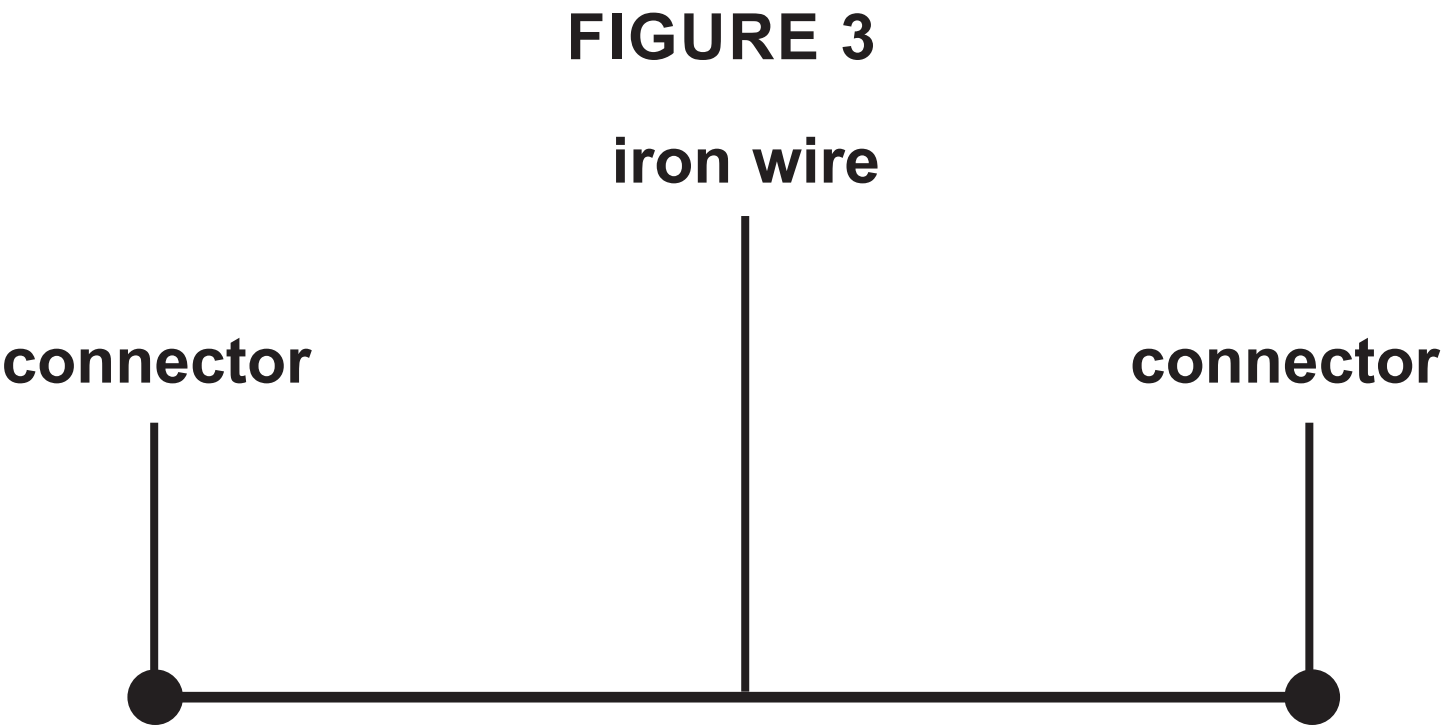
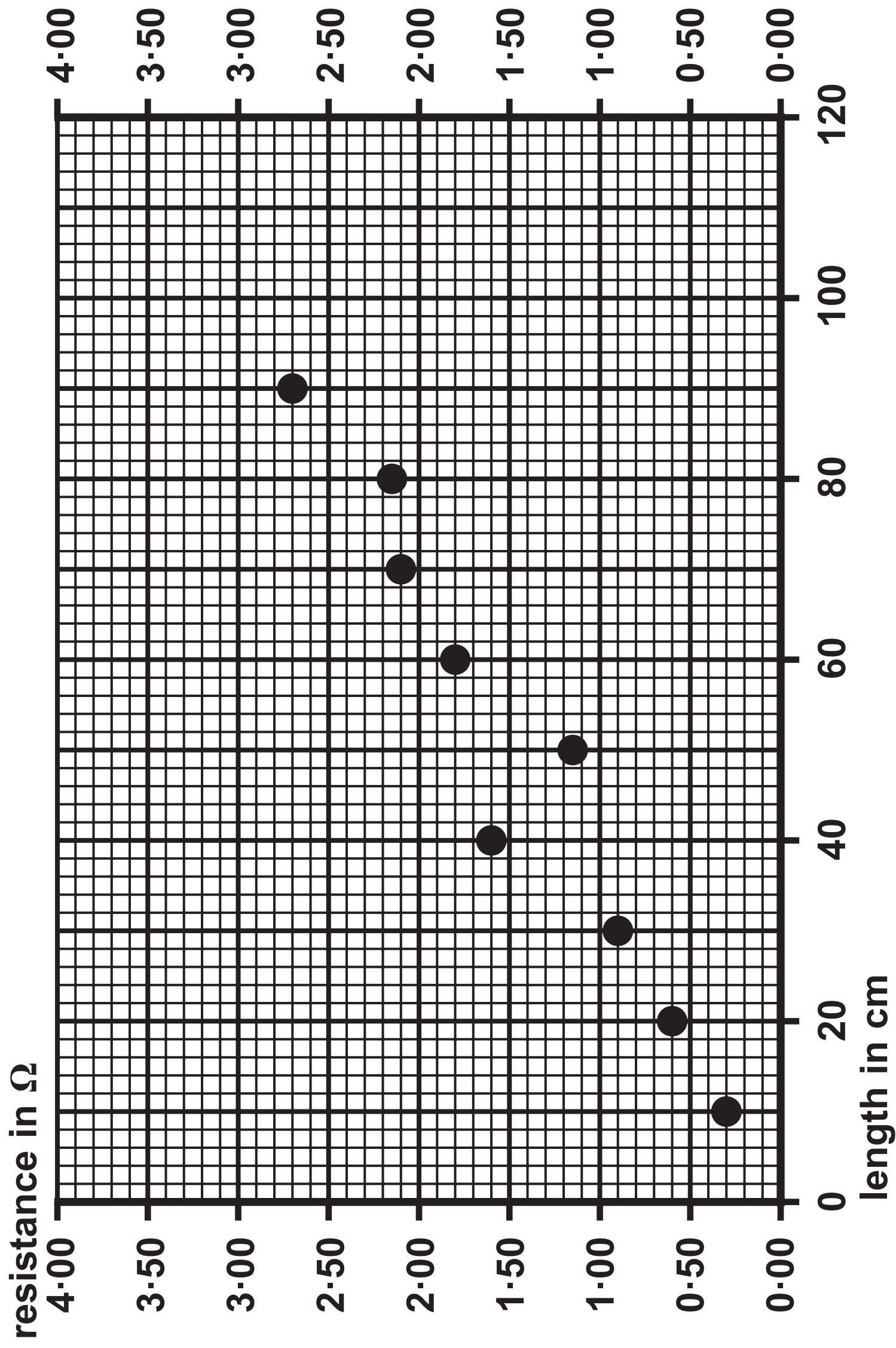
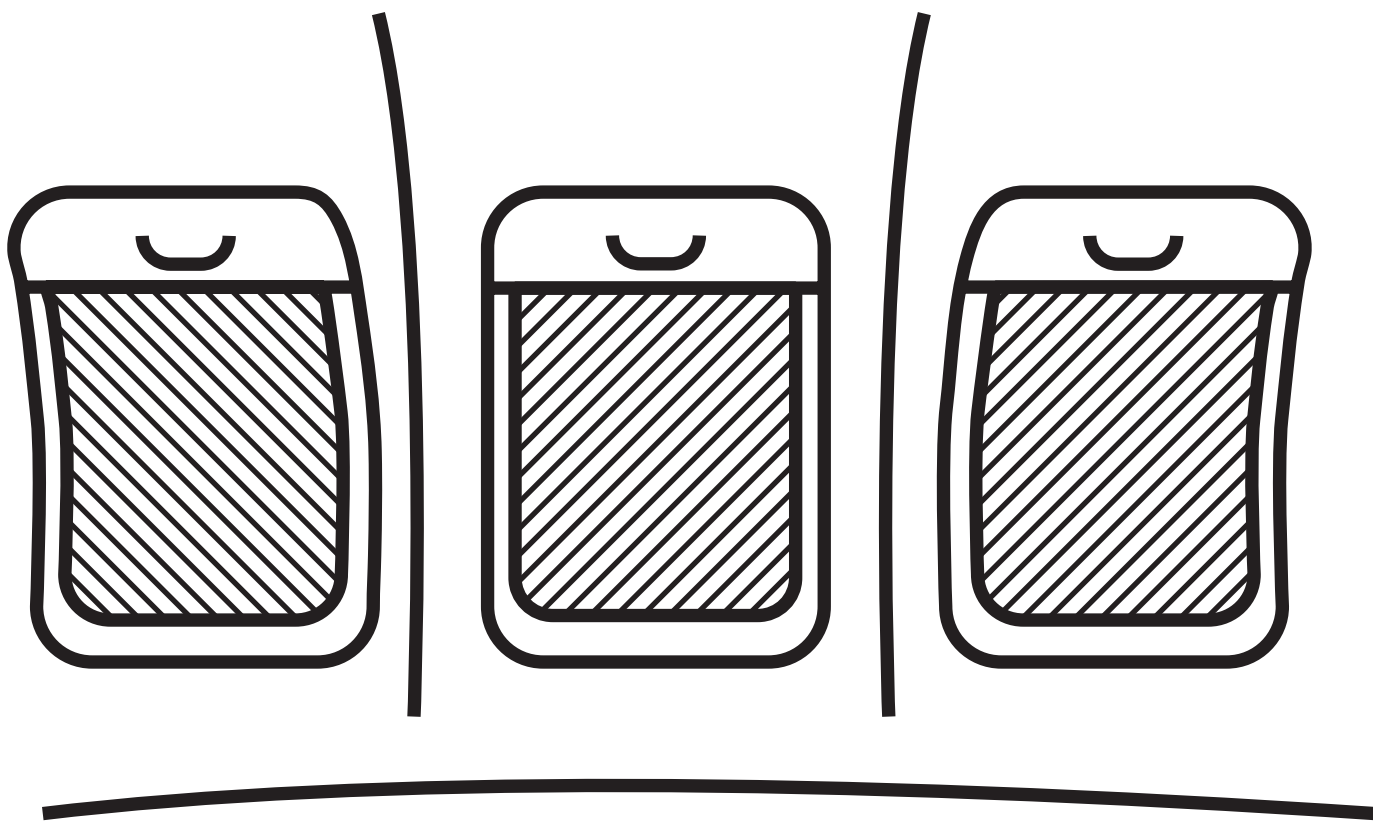


FIGURE 4



Question 4(a)

FIGURE 5



Question 4(a)(iv)

FIGURE 6

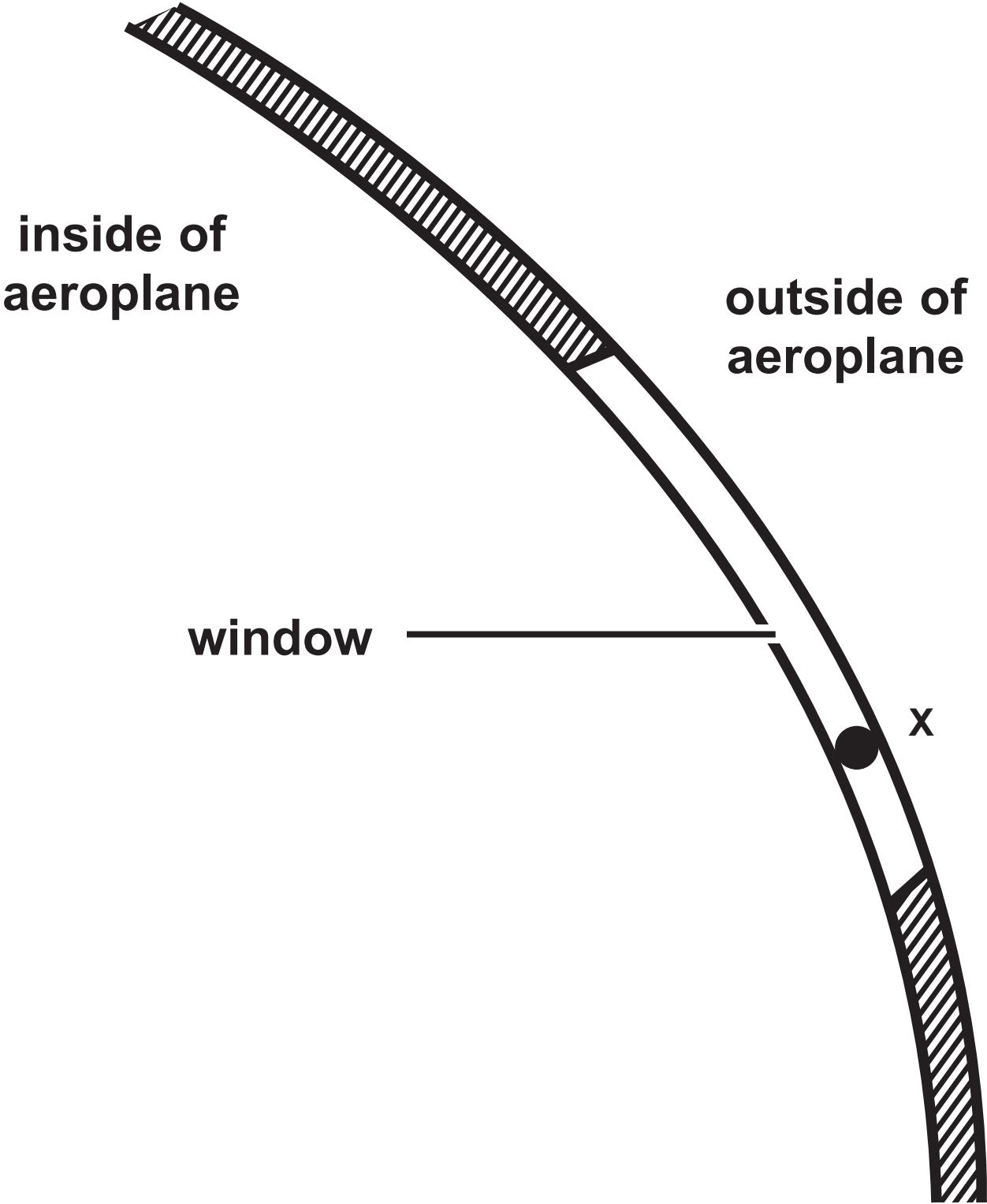
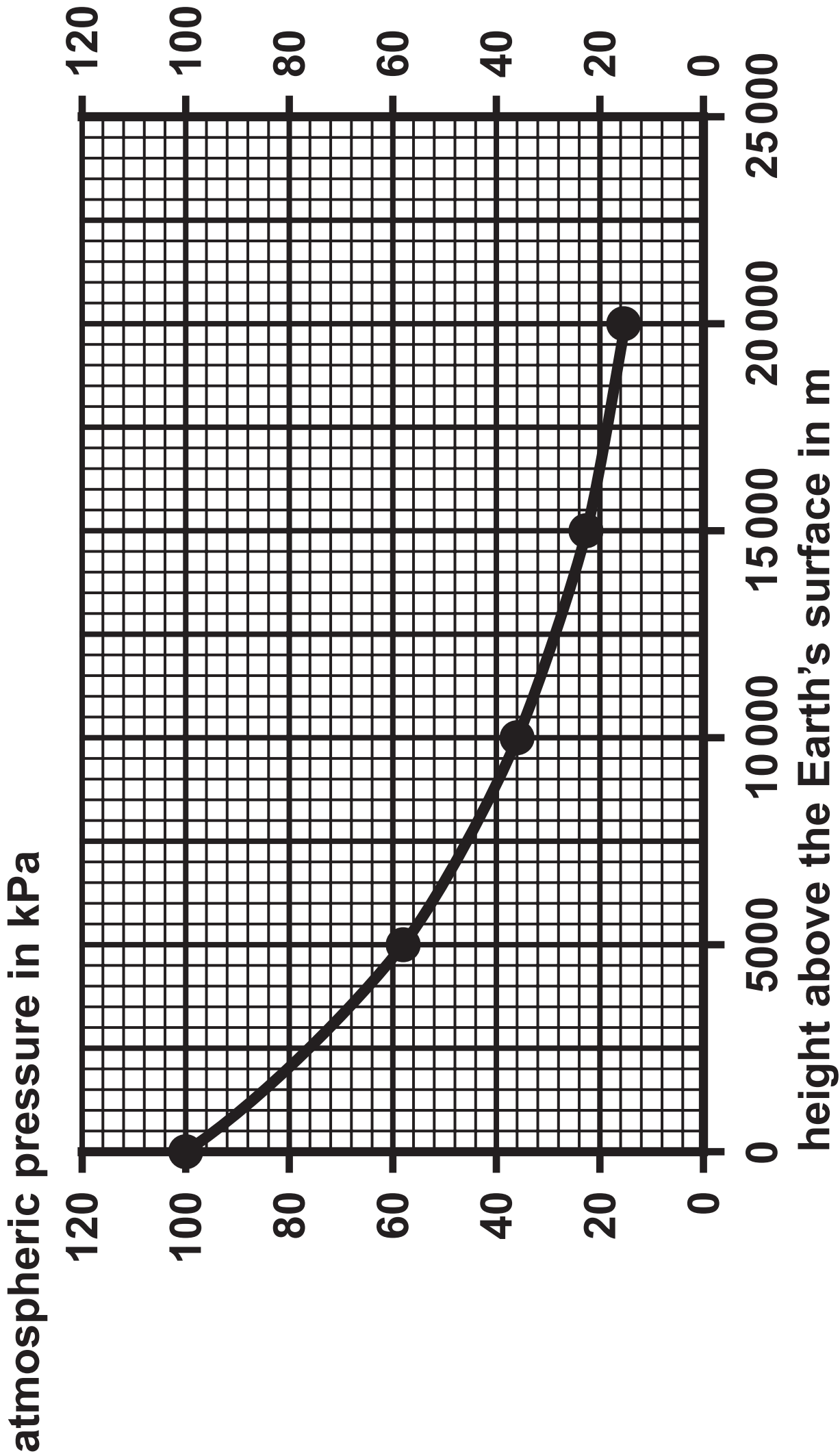


FIGURE 7



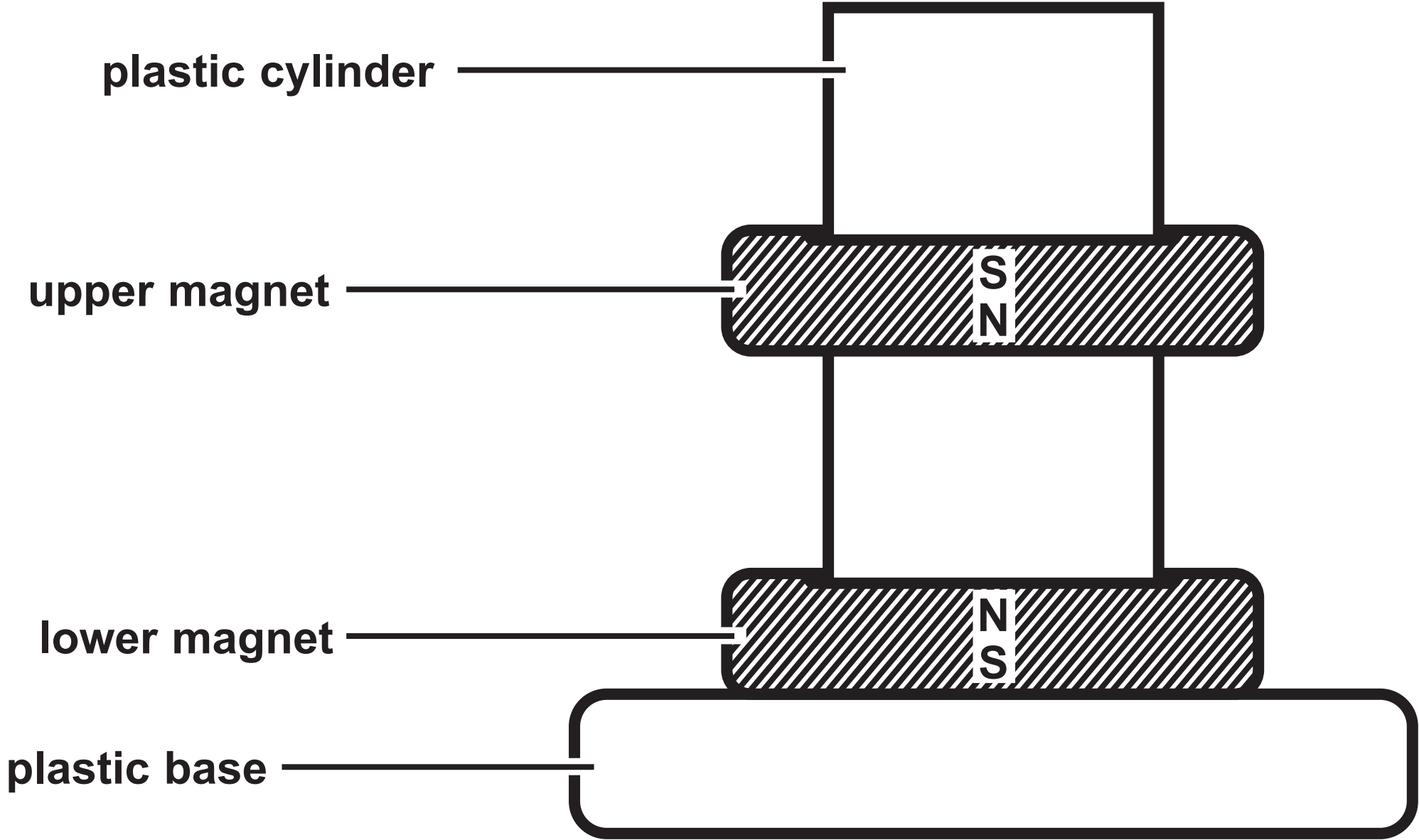
Question 5(a)

FIGURE 8



Question 5(b)

FIGURE 9



Question 5(c)

FIGURE 10

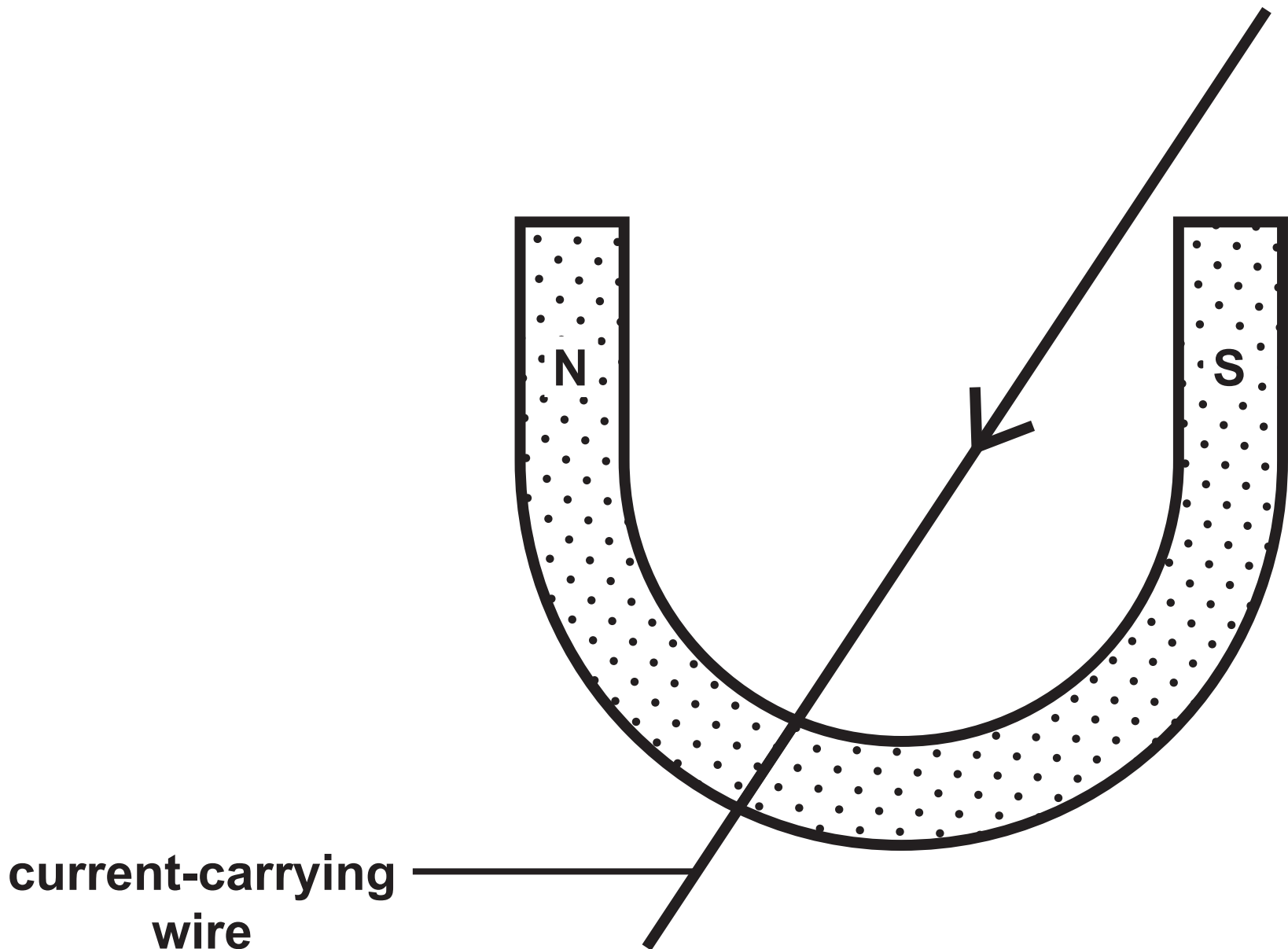


FIGURE 11



Question 6(b)

FIGURE 12

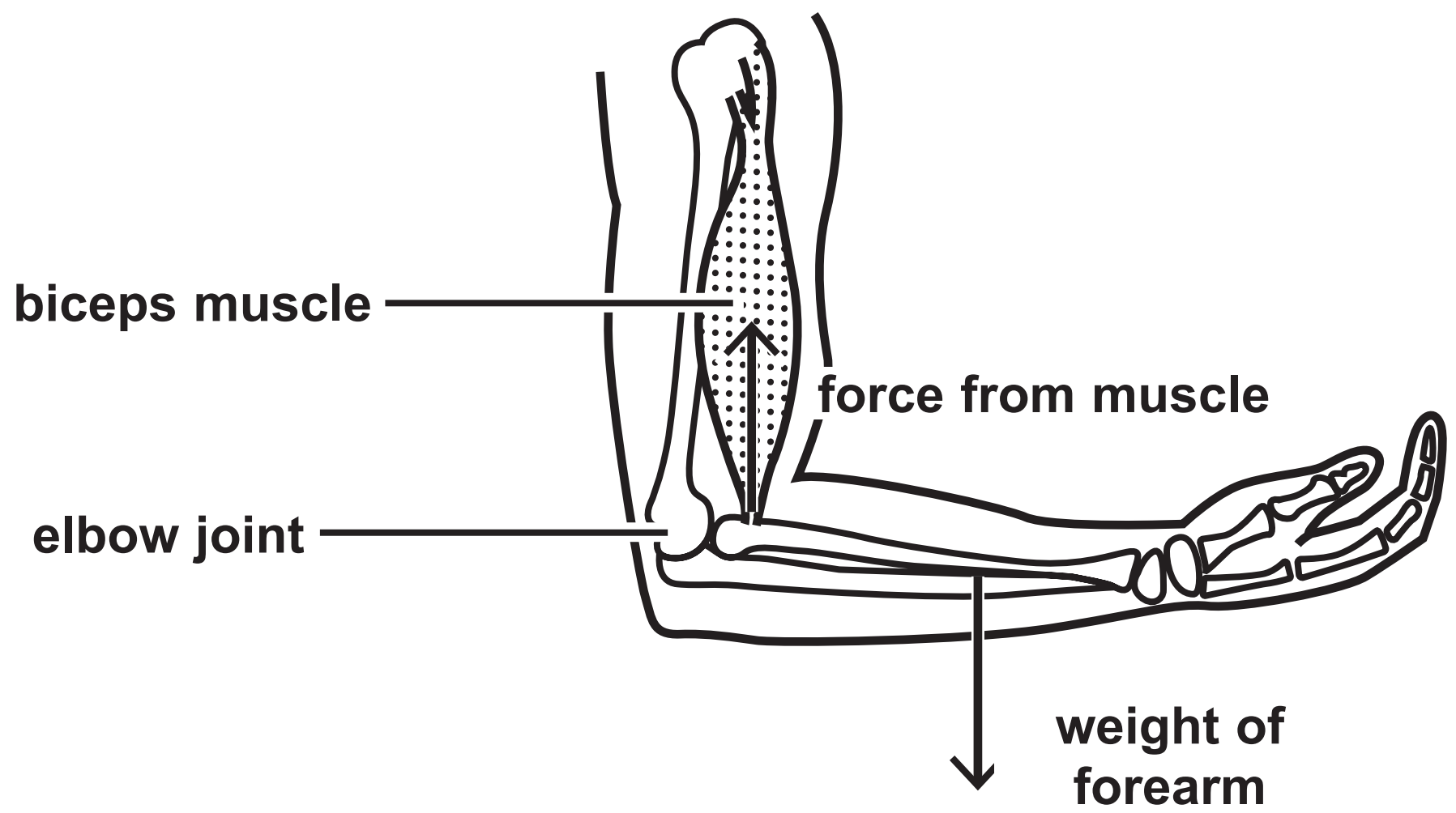


FIGURE 13

Not to scale

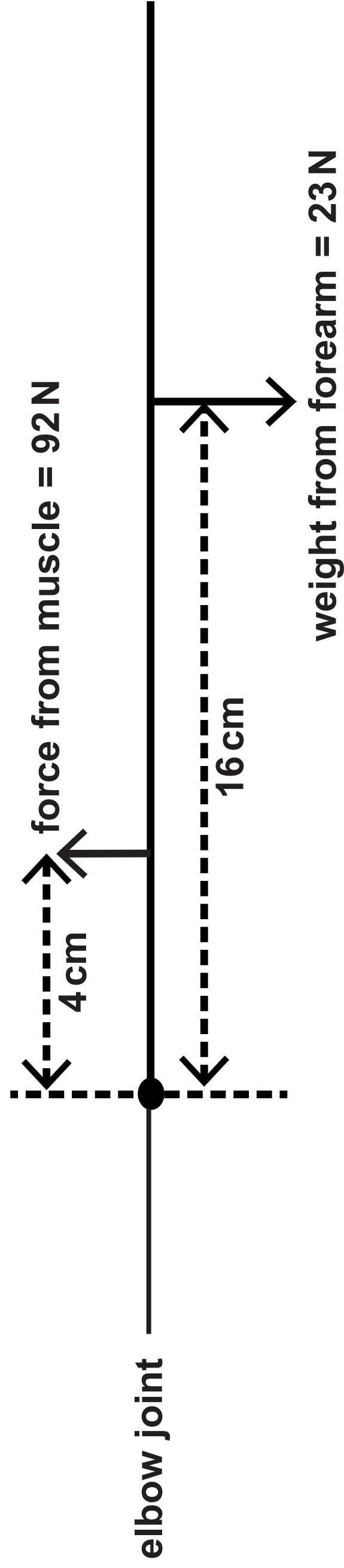


FIGURE 14

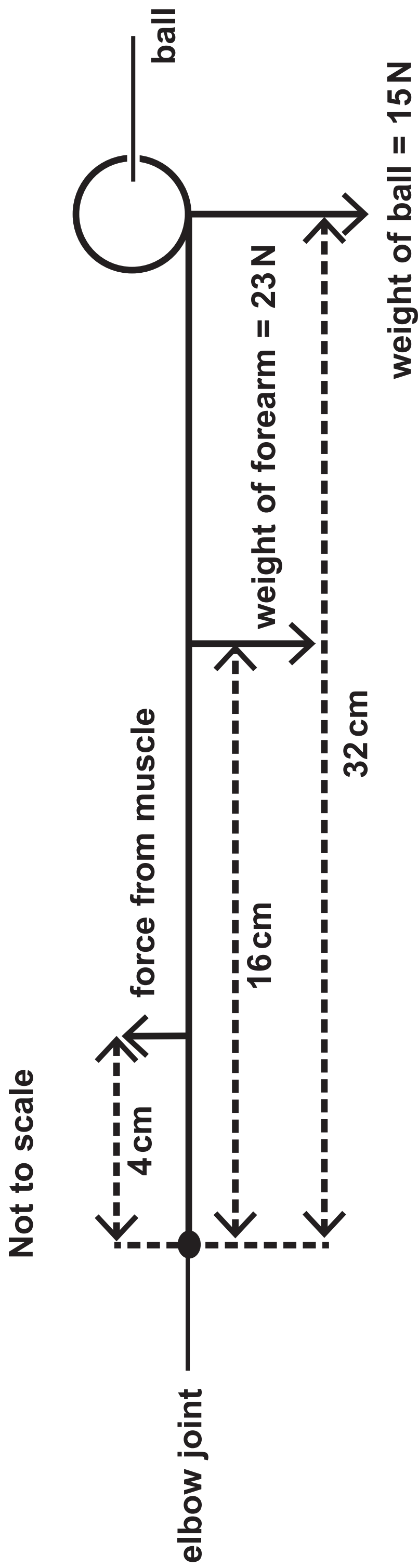


FIGURE 15

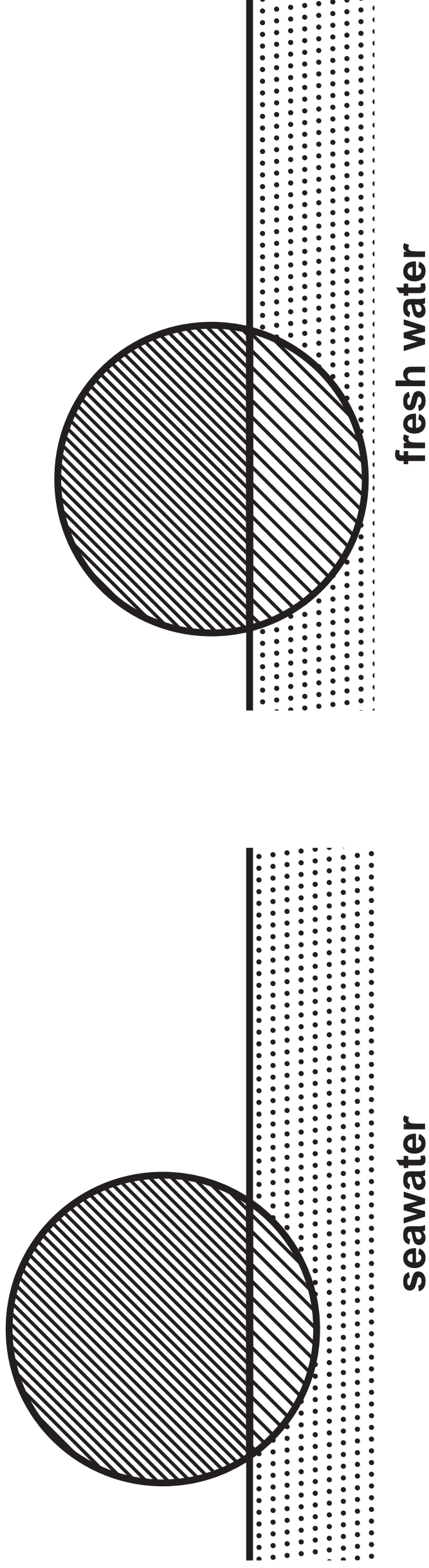


FIGURE 16

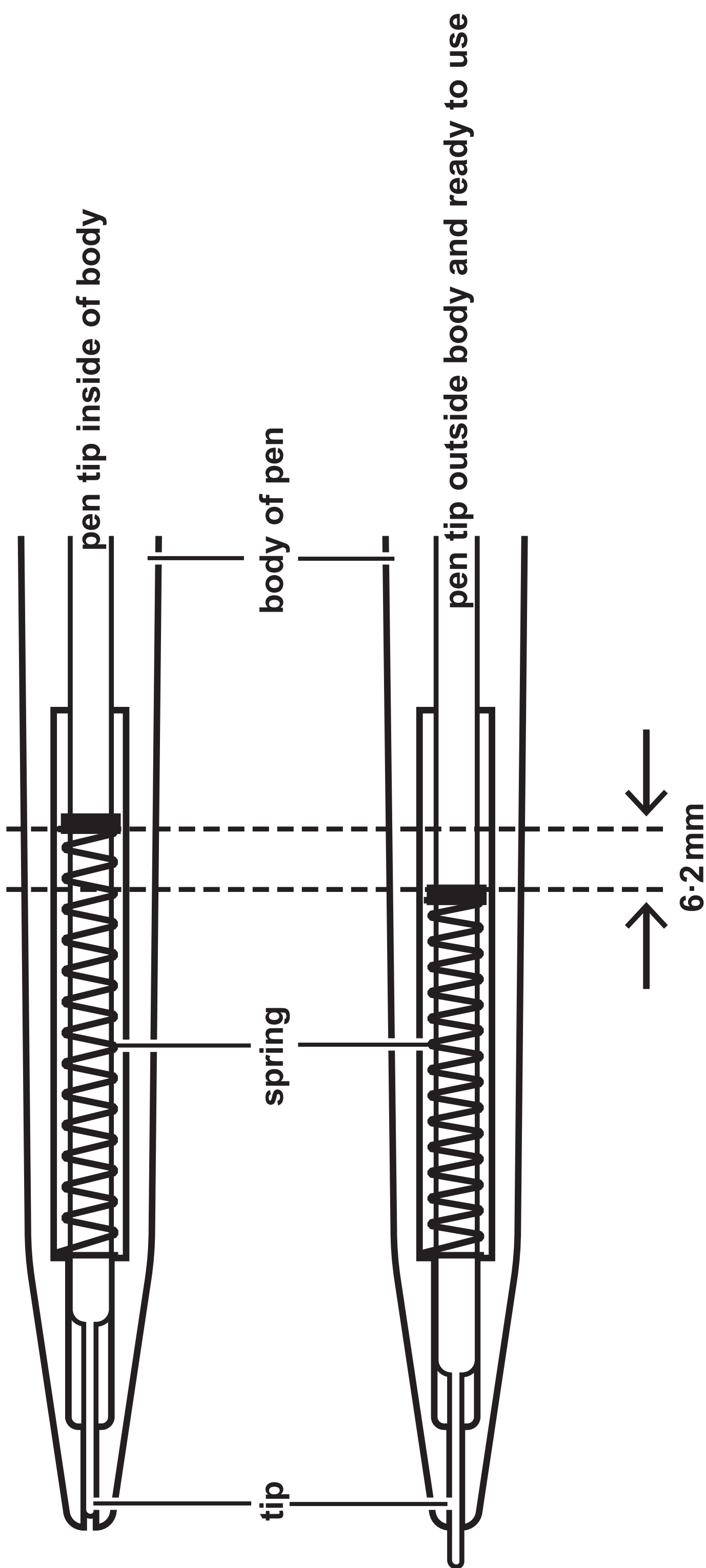
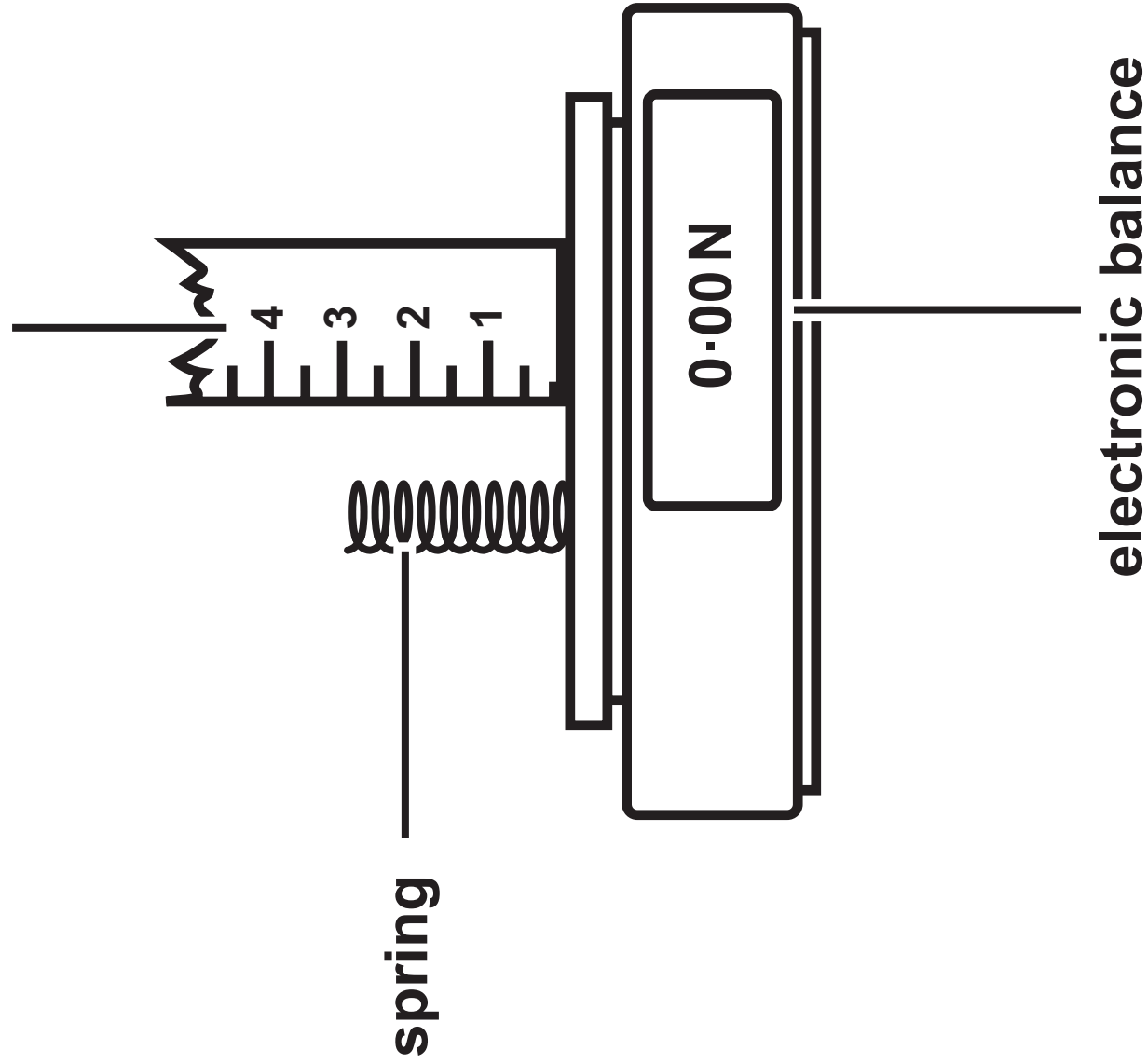
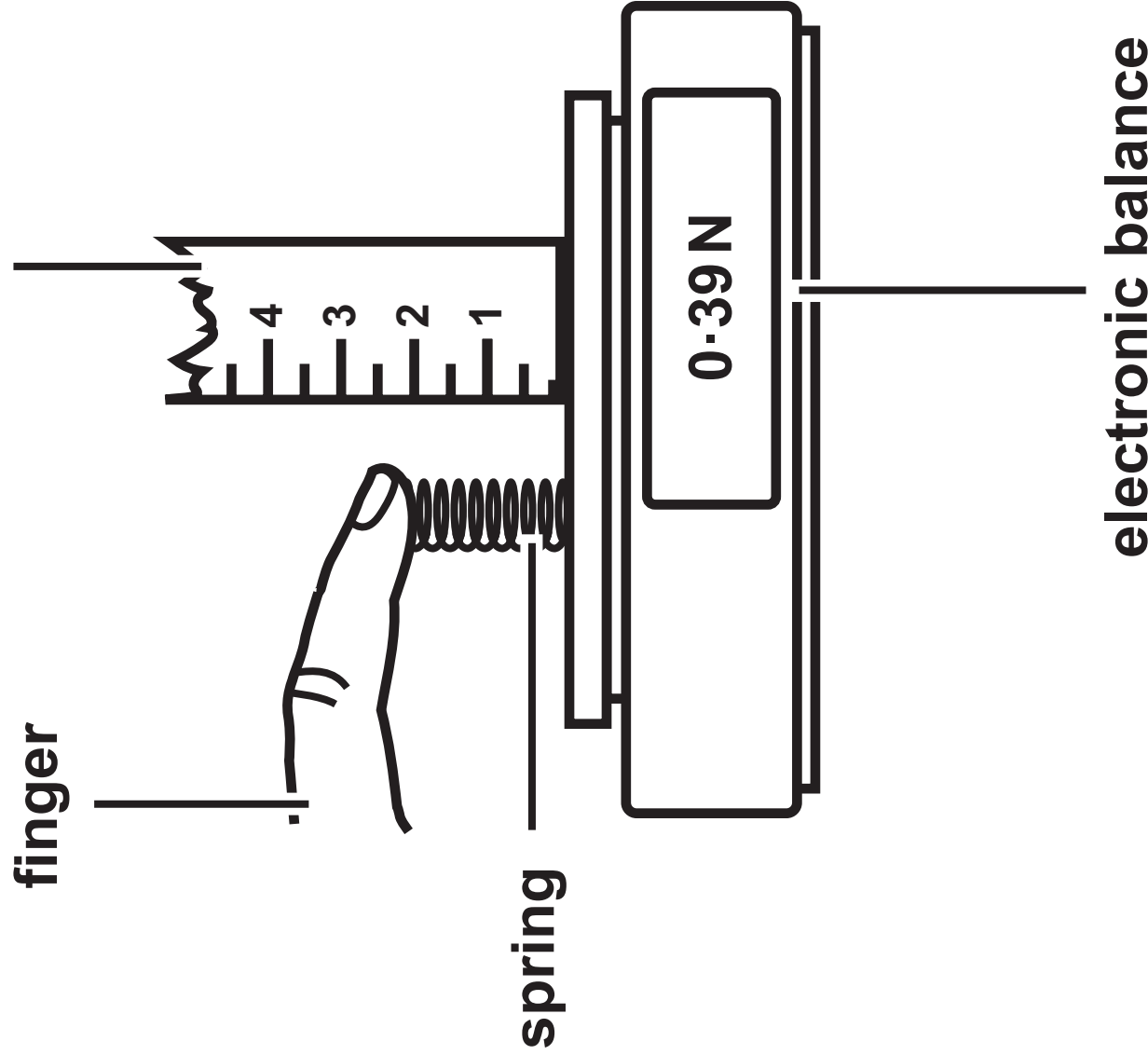


FIGURE 17

ruler fixed in place above
the electronic balance



ruler fixed in place above
the electronic balance



Question 7(b)

FIGURE 18

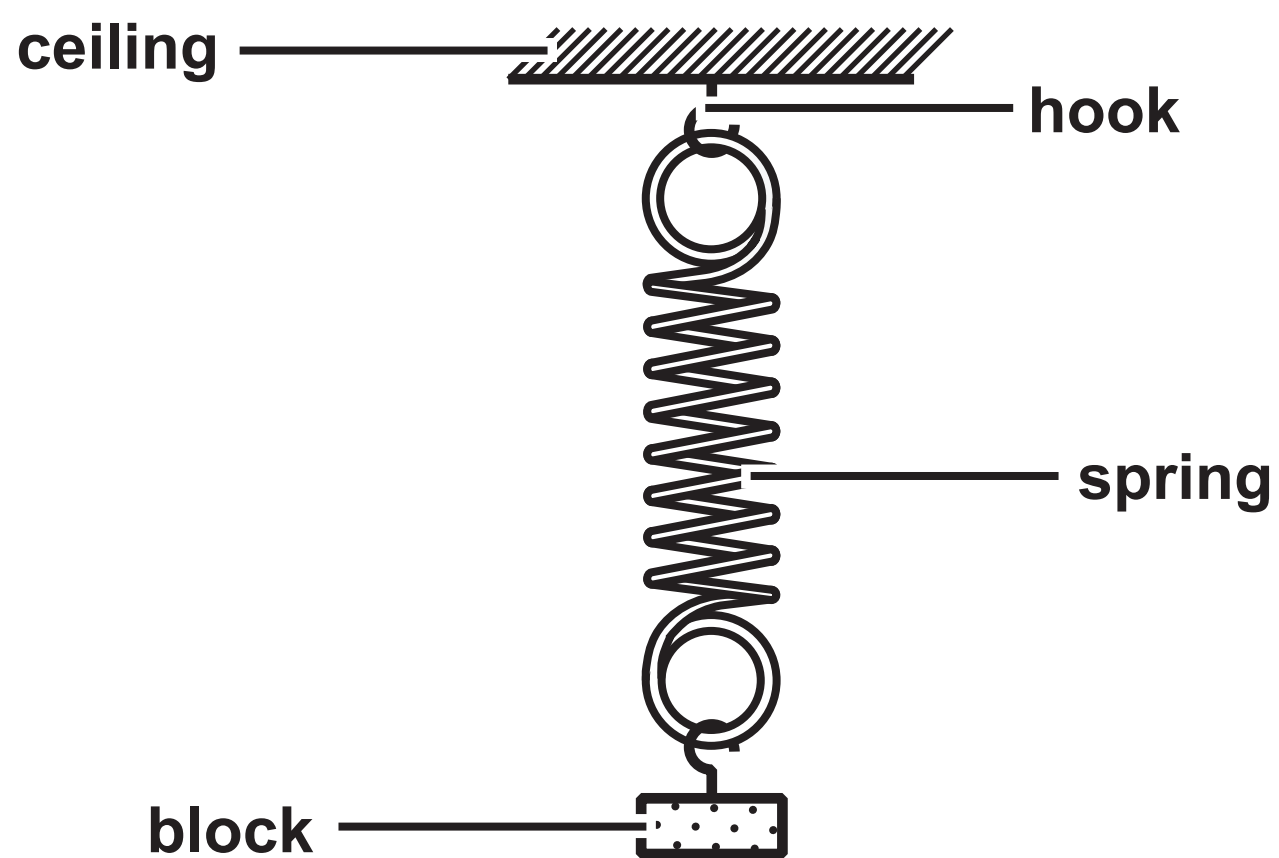


FIGURE 19

diagram is drawn to scale

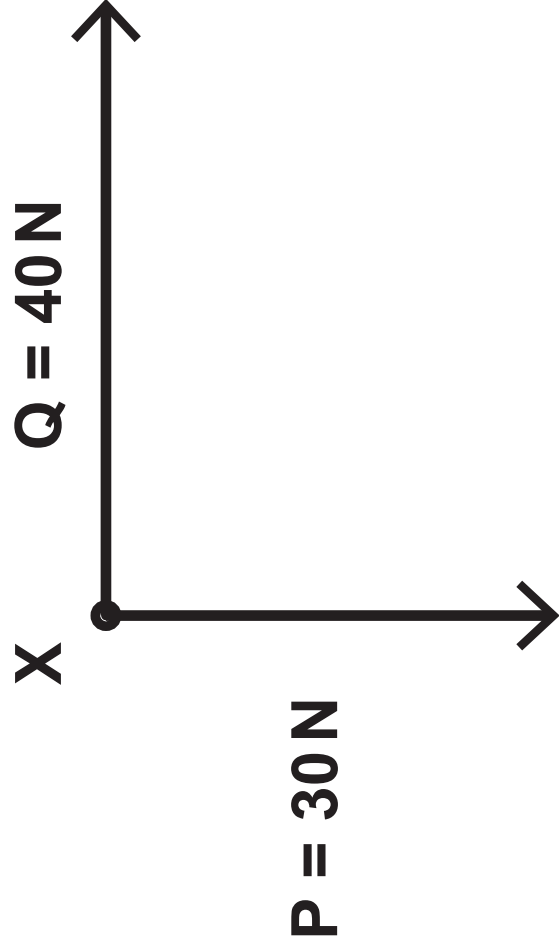


FIGURE 20

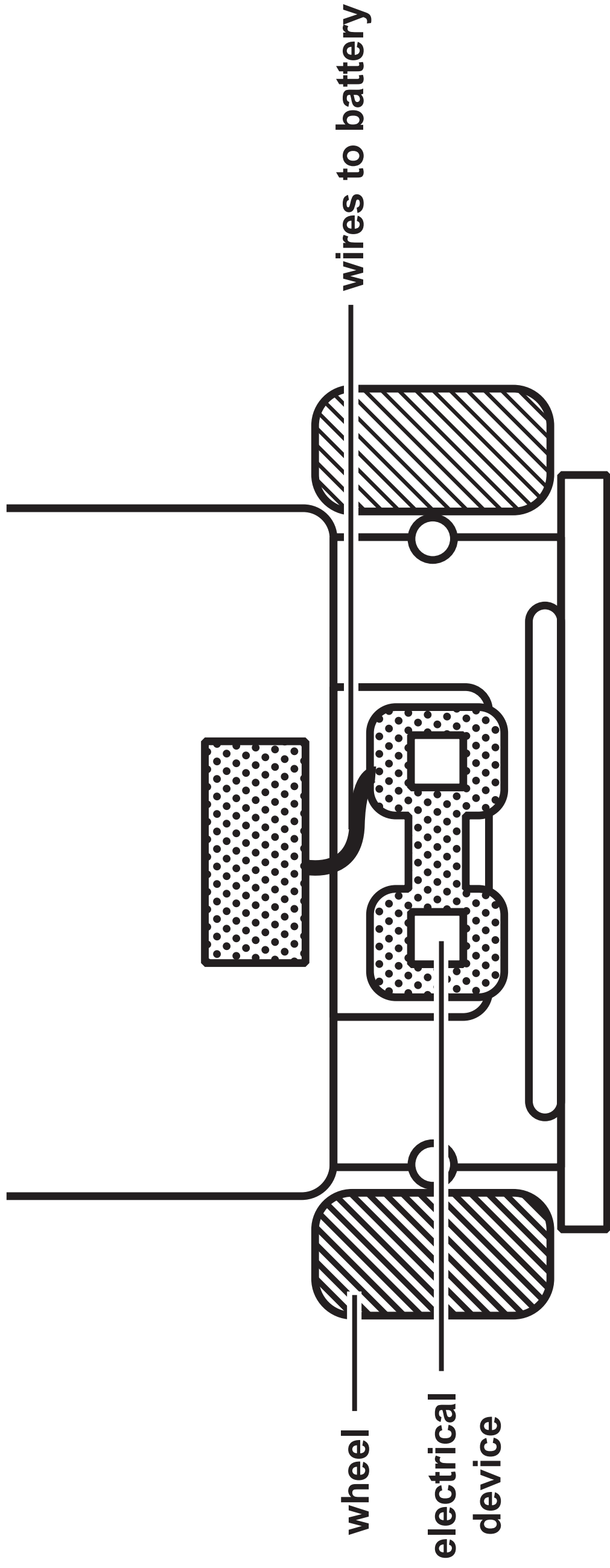


FIGURE 21

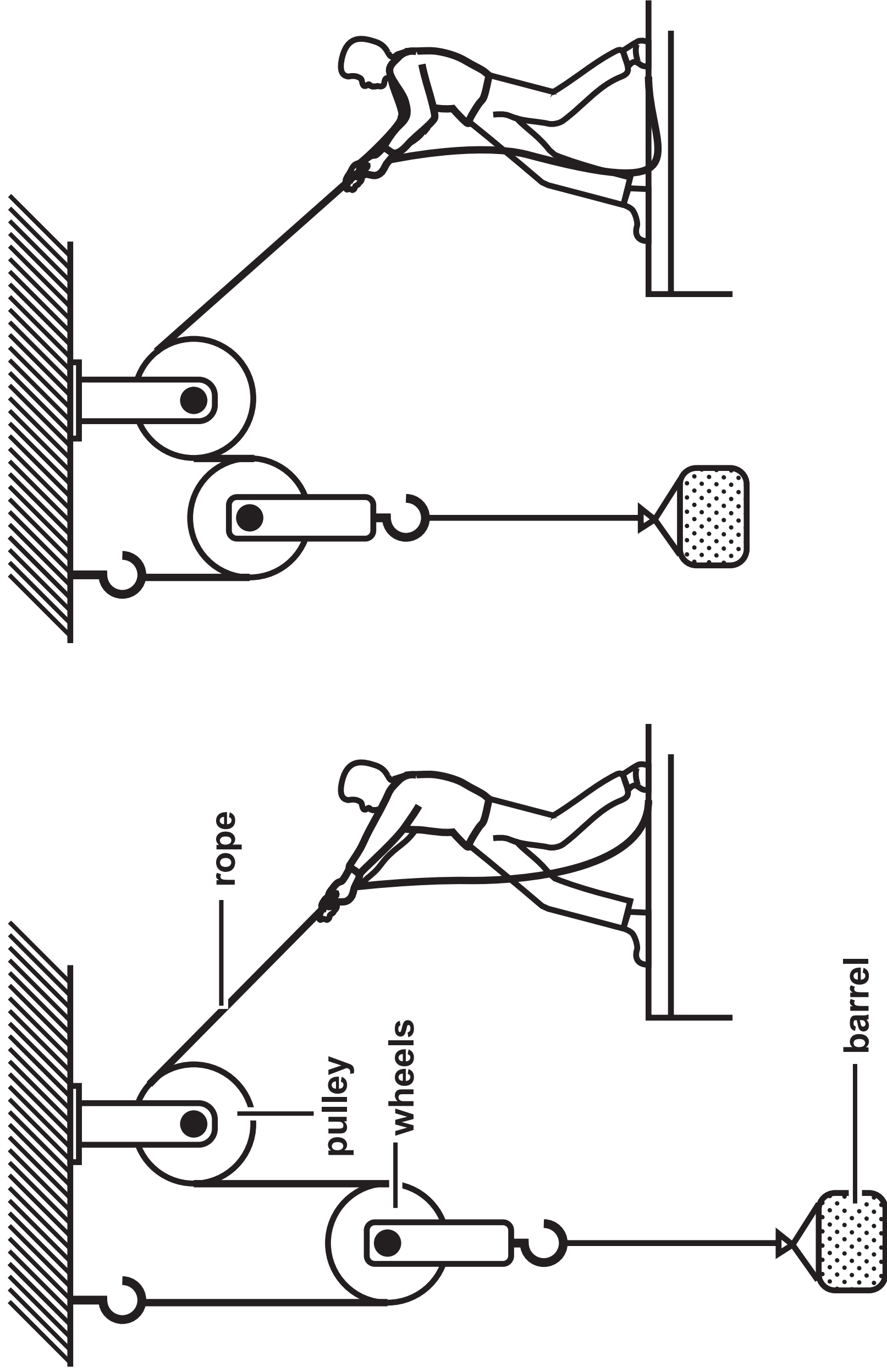
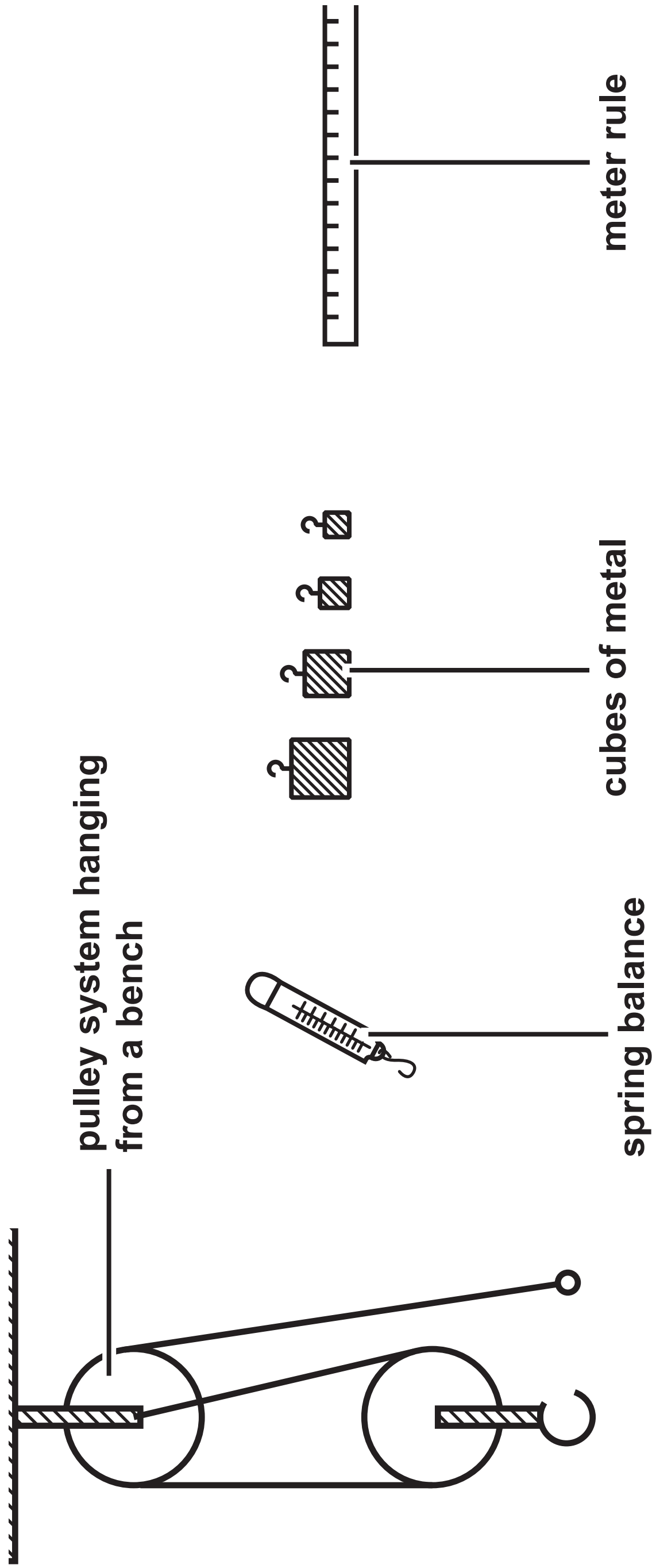
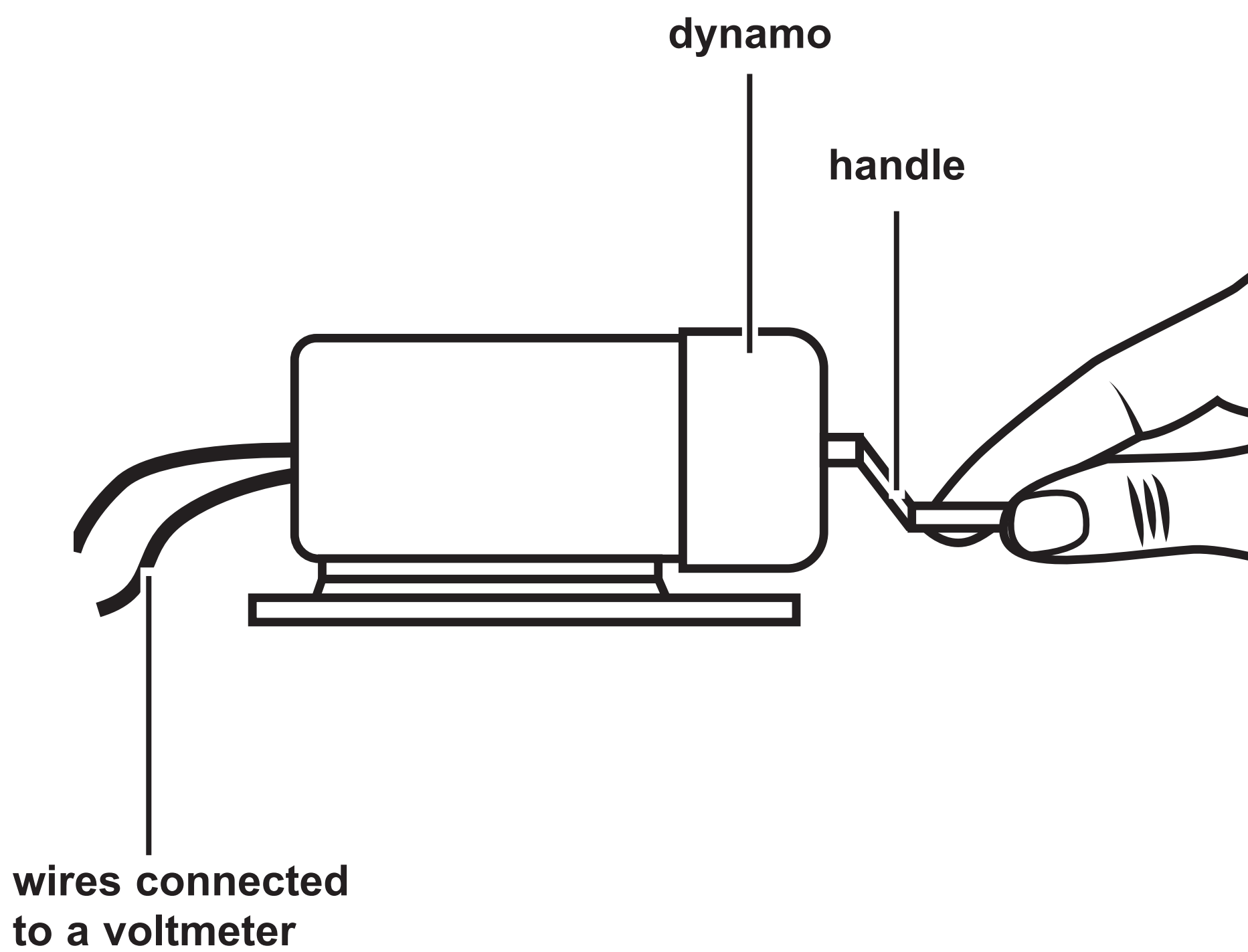


FIGURE 22



Question 10

FIGURE 23



Question 10(a)

FIGURE 24(a)

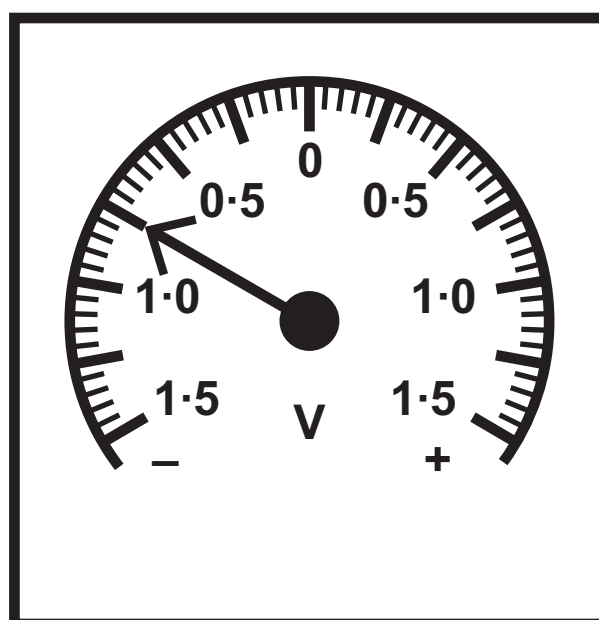
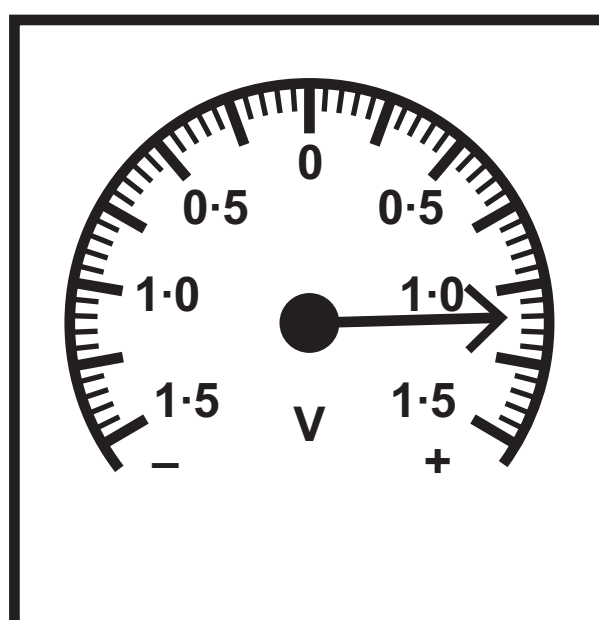


FIGURE 24(b)



Question 10(b)

FIGURE 25

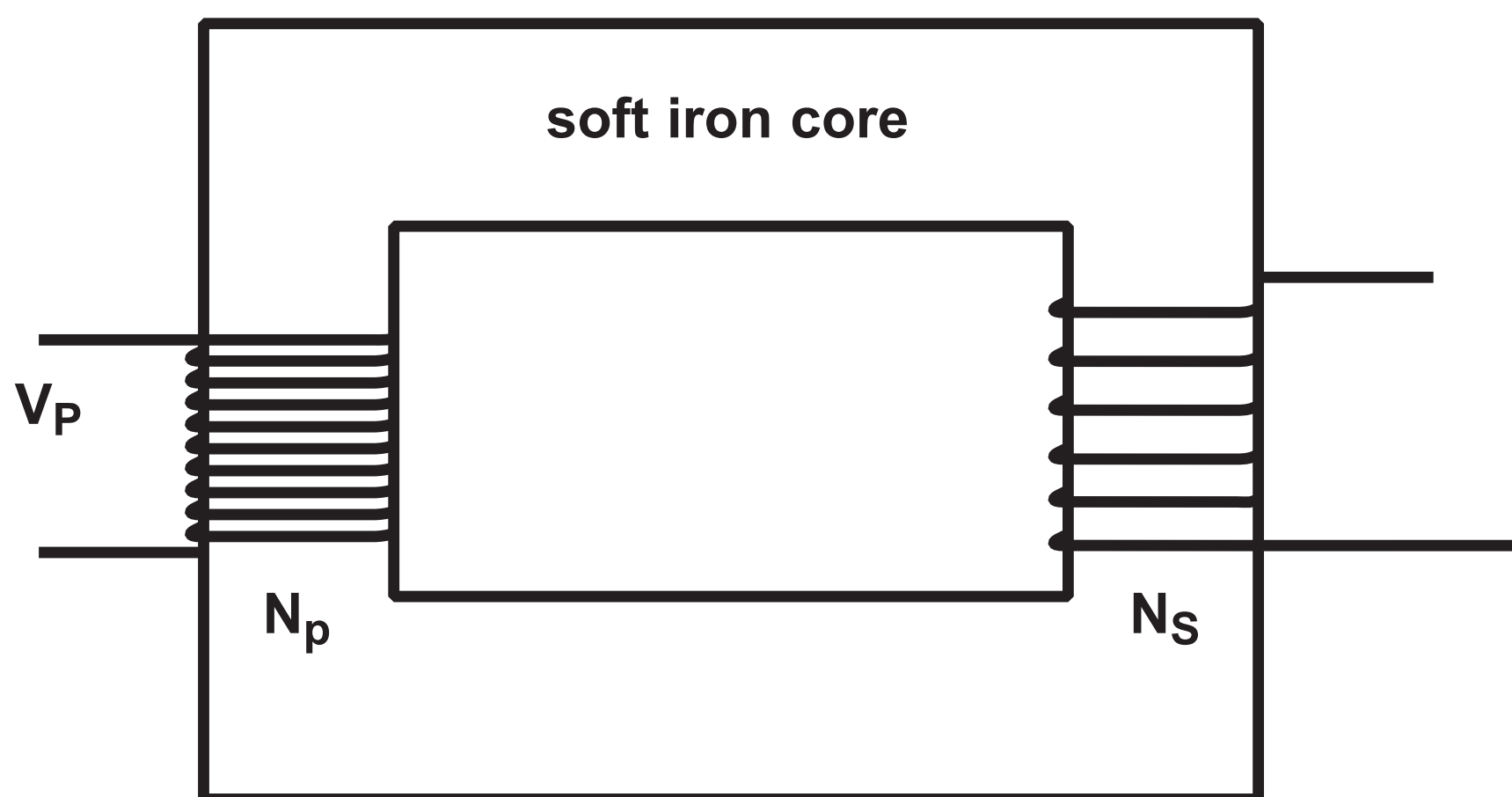
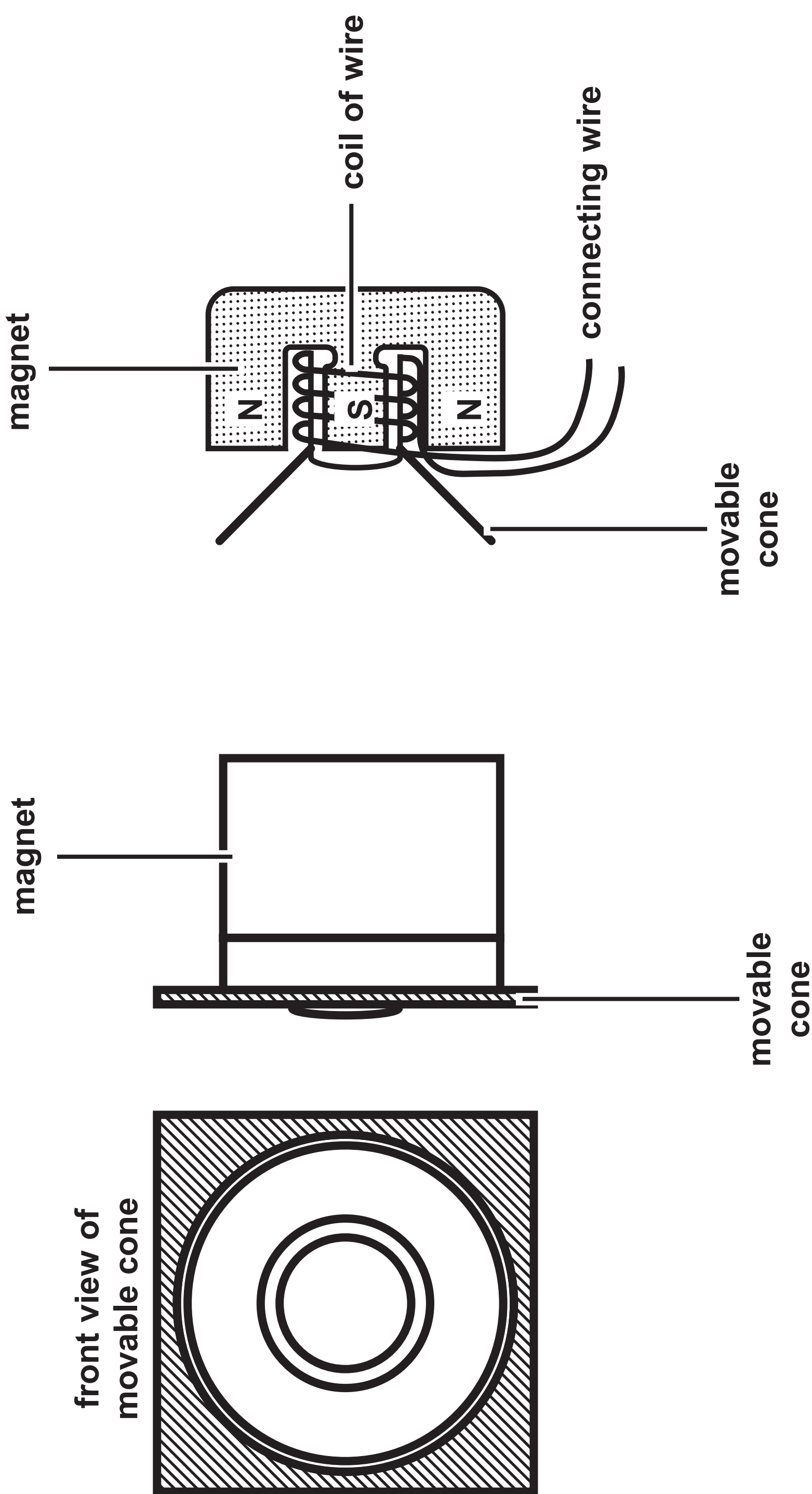
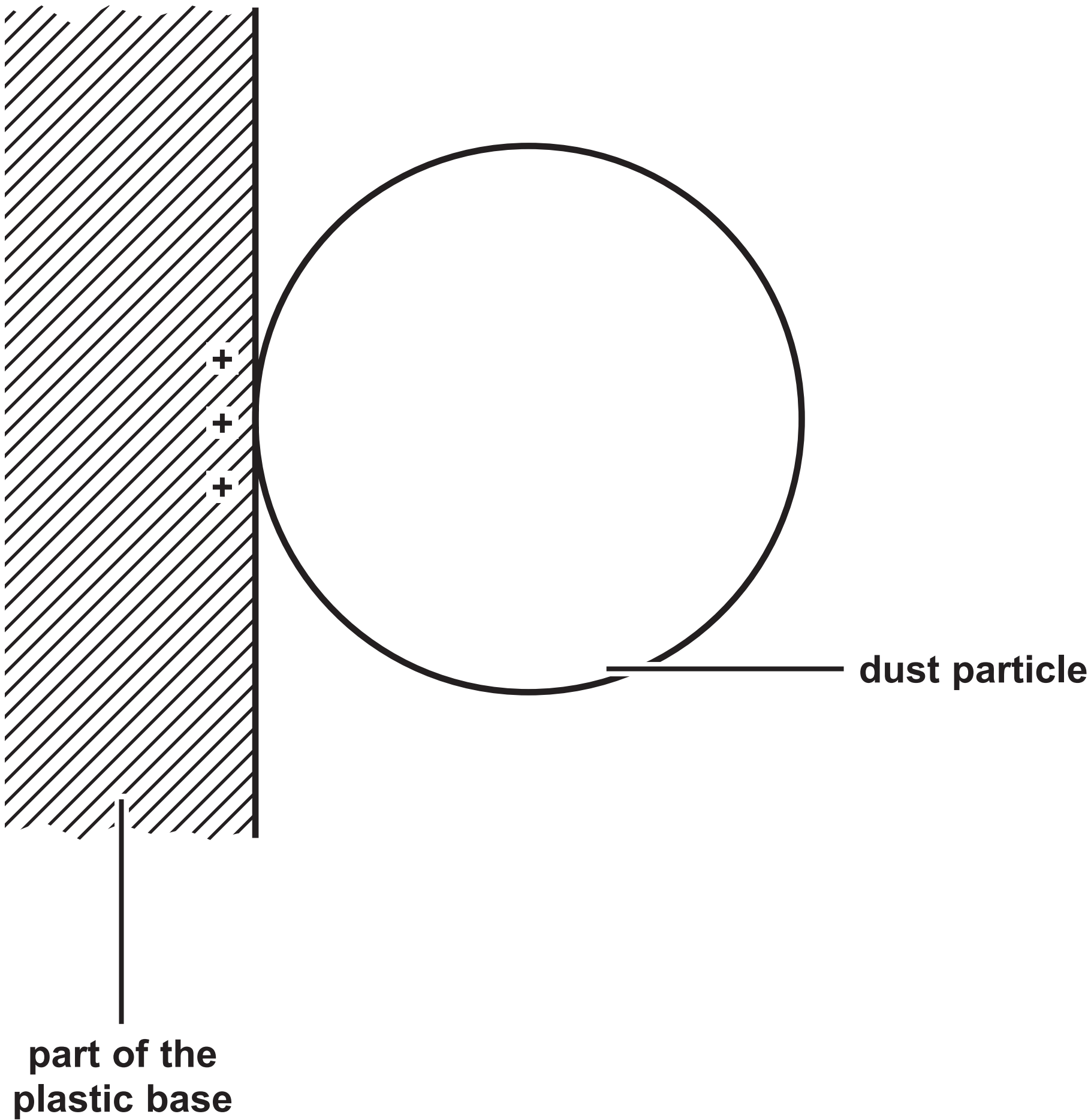


FIGURE 26



Question 1(c)

FIGURE 2



Question 2(a)

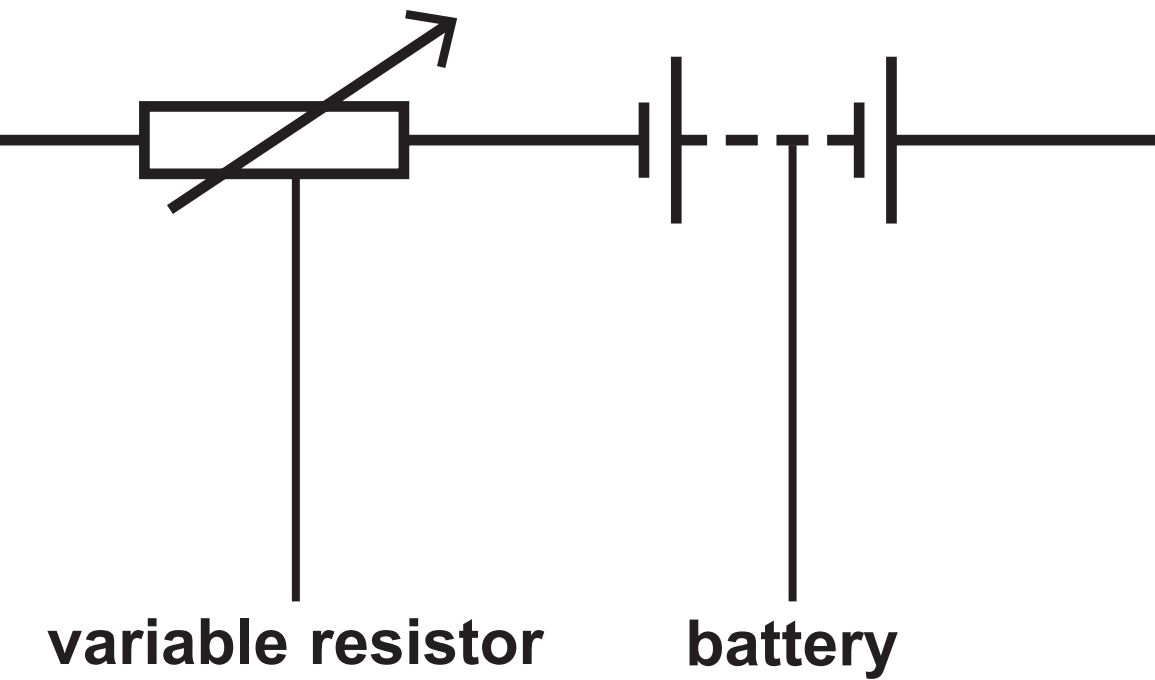
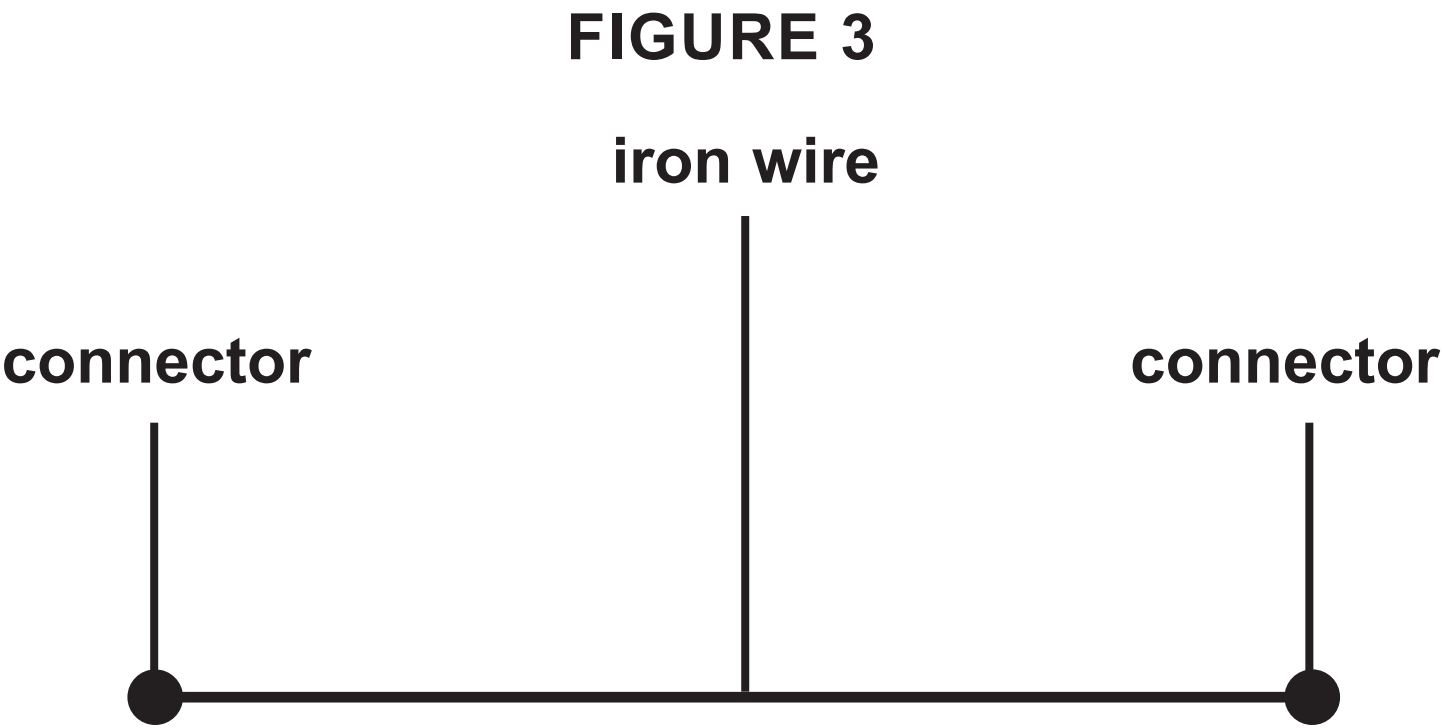
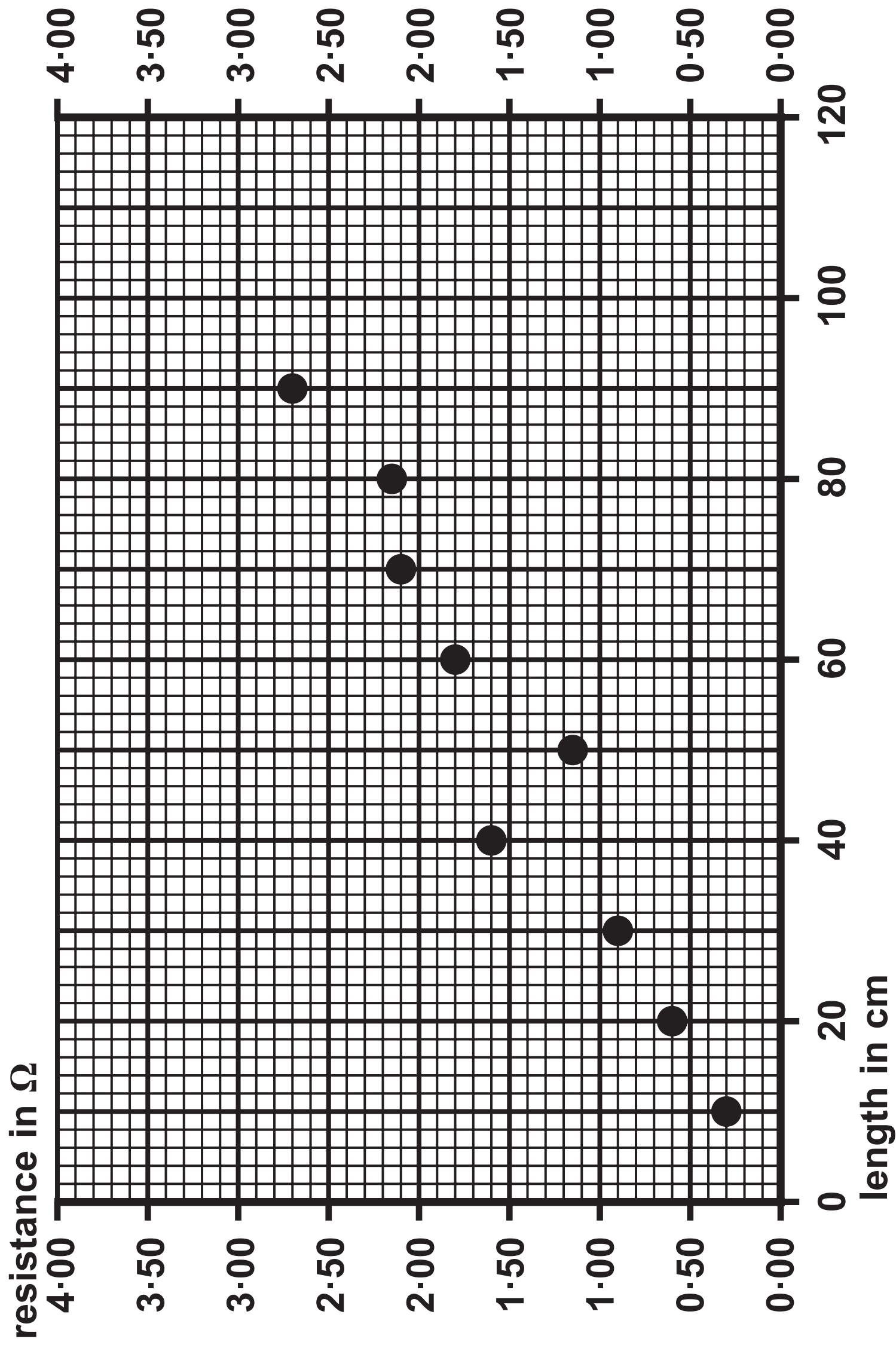
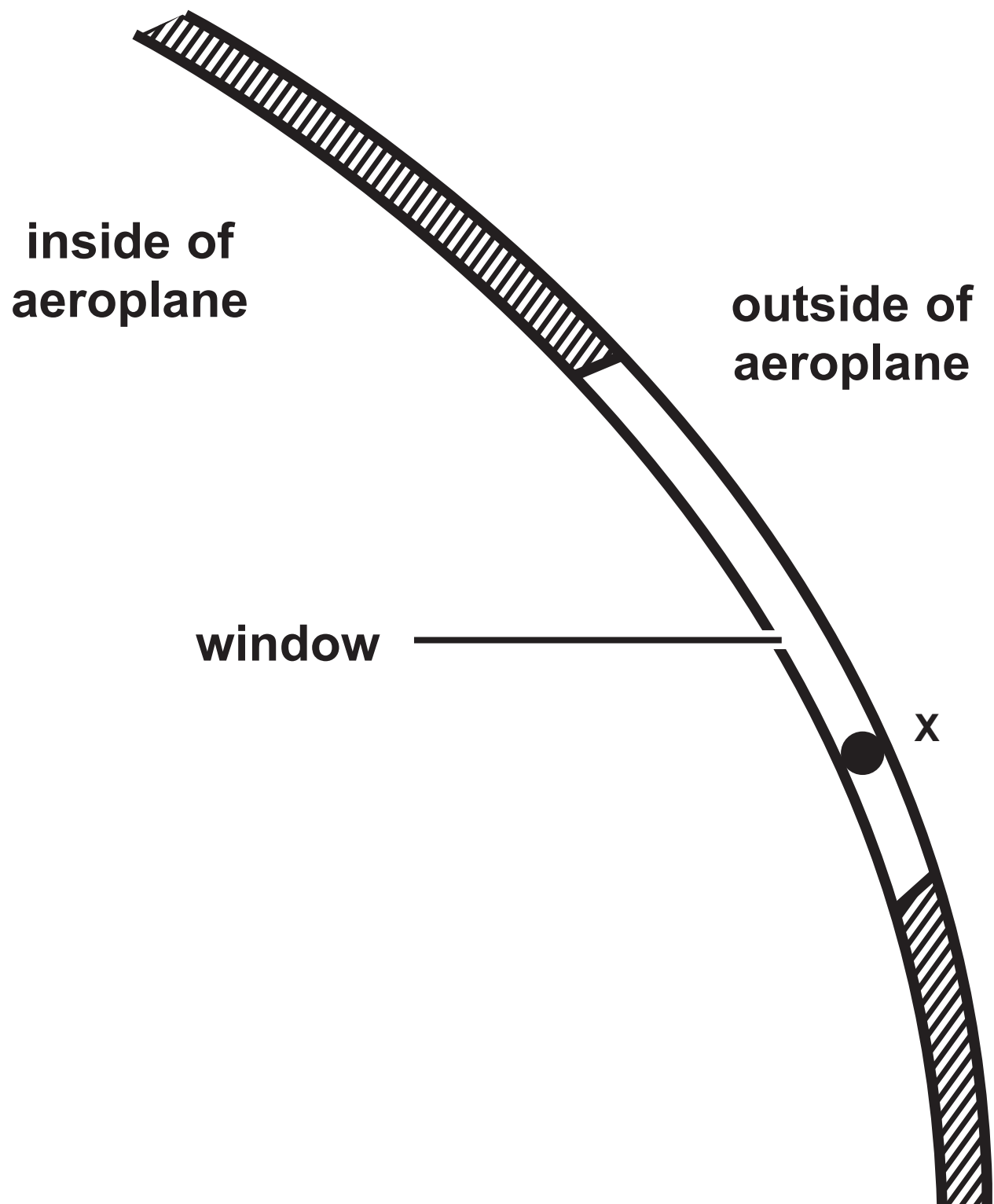


FIGURE 4



Question 4(a)(iv)

FIGURE 6



Question 5(a)

FIGURE 8



Question 7(c)

FIGURE 19

diagram is drawn to scale

