

Paper Reference(s) 1PH0/2H
Pearson Edexcel Level 1/Level 2 GCSE (9–1)

Physics
Paper 2
Higher Tier

Friday 12 June 2020 – Morning

Time: 1 hour 45 minutes plus your additional time allowance

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.**

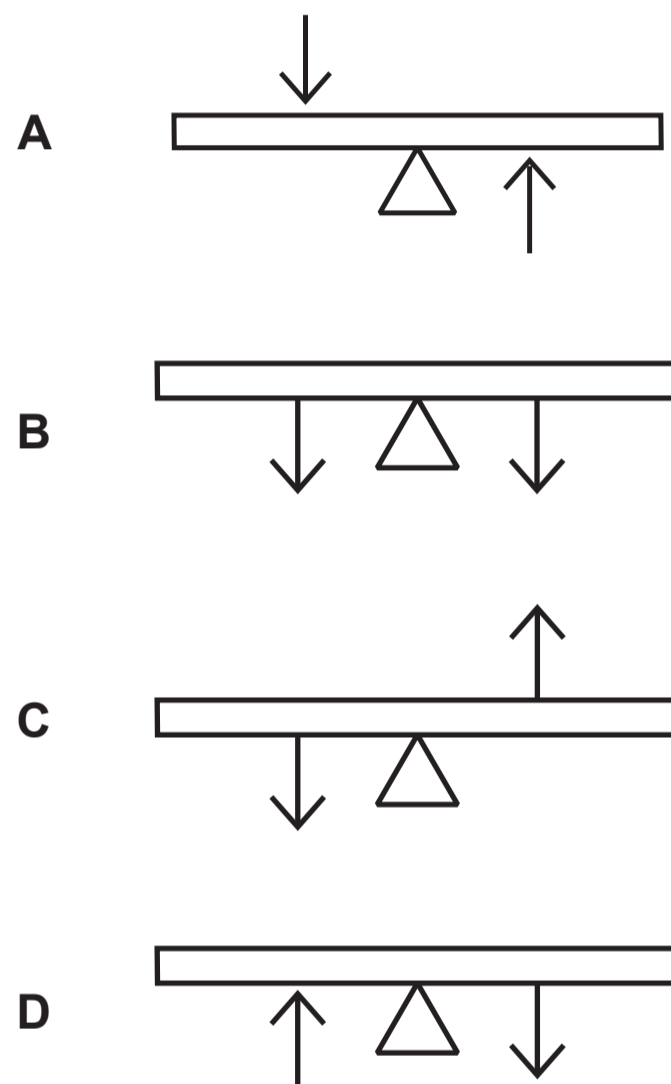
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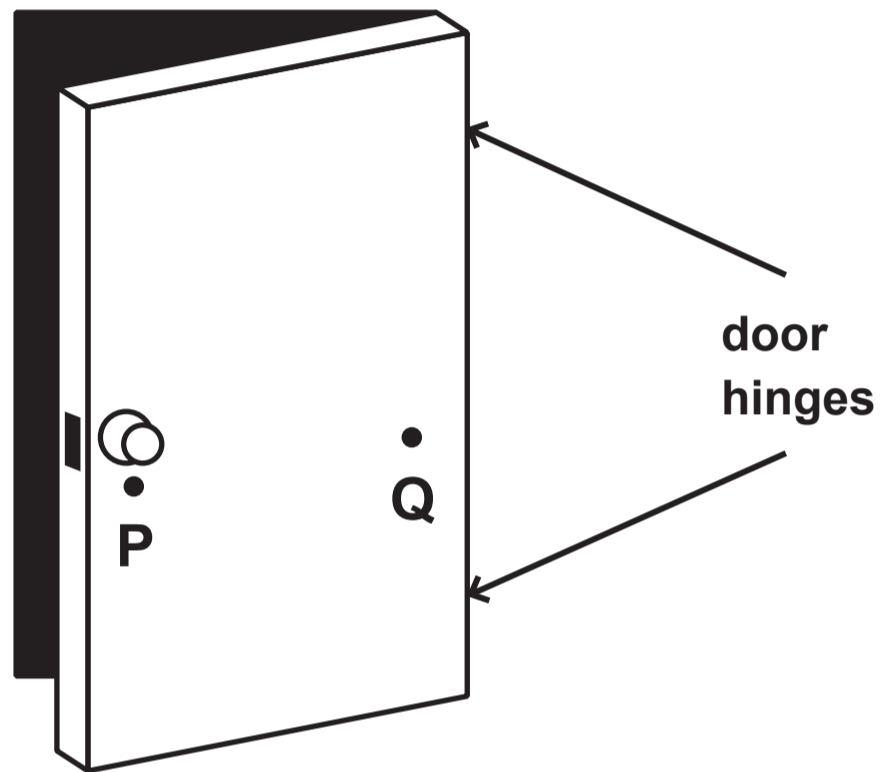
Question 1(a)

Figure 1



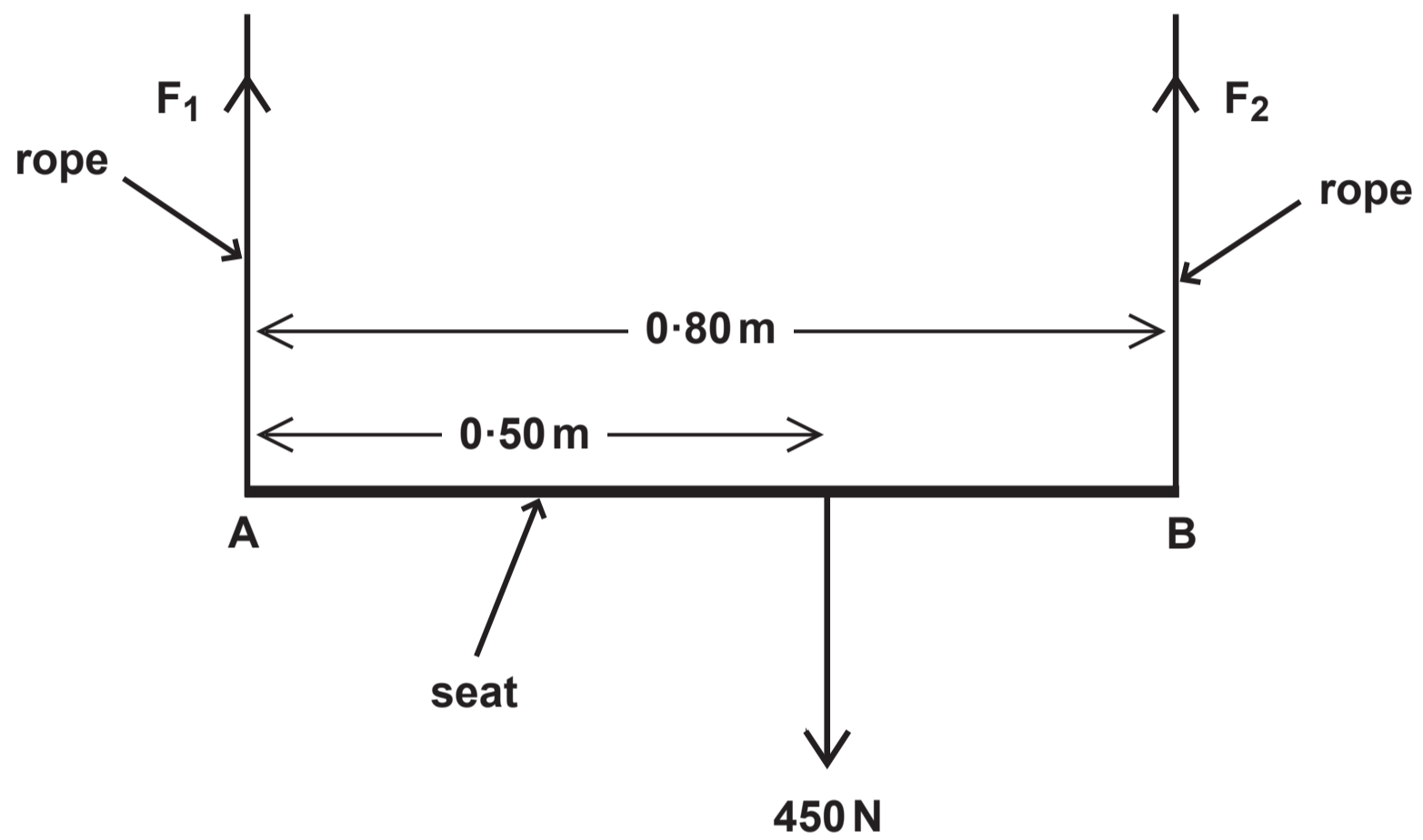
Question 1(b)

Figure 2



Question 1(c)

Figure 3



Question 2(a)**Figure 4**

Question 2(b)

Figure 5

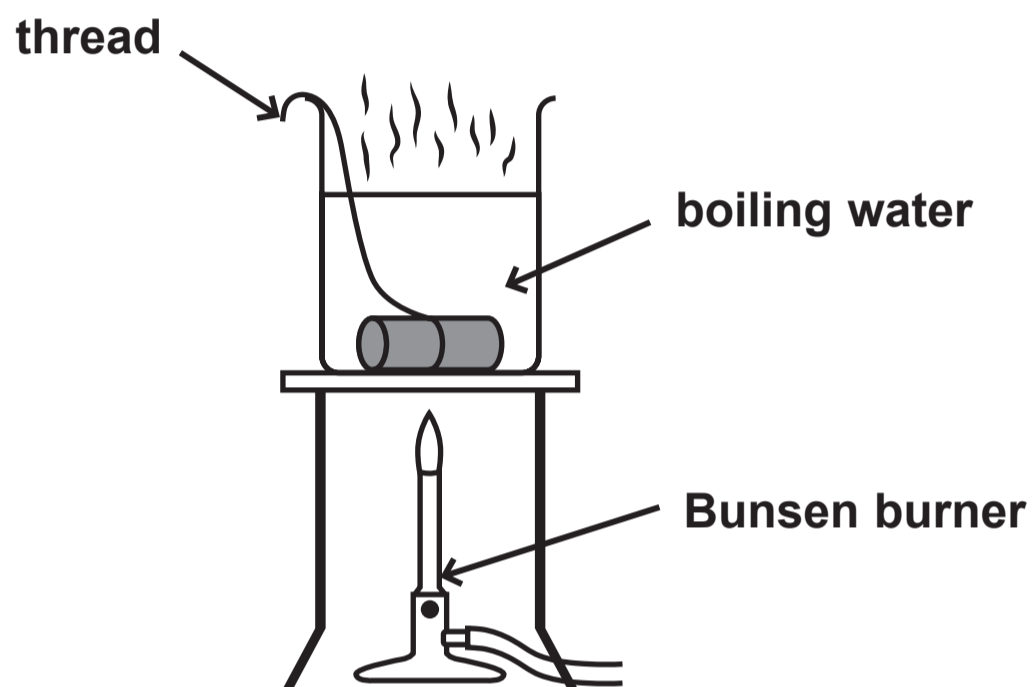
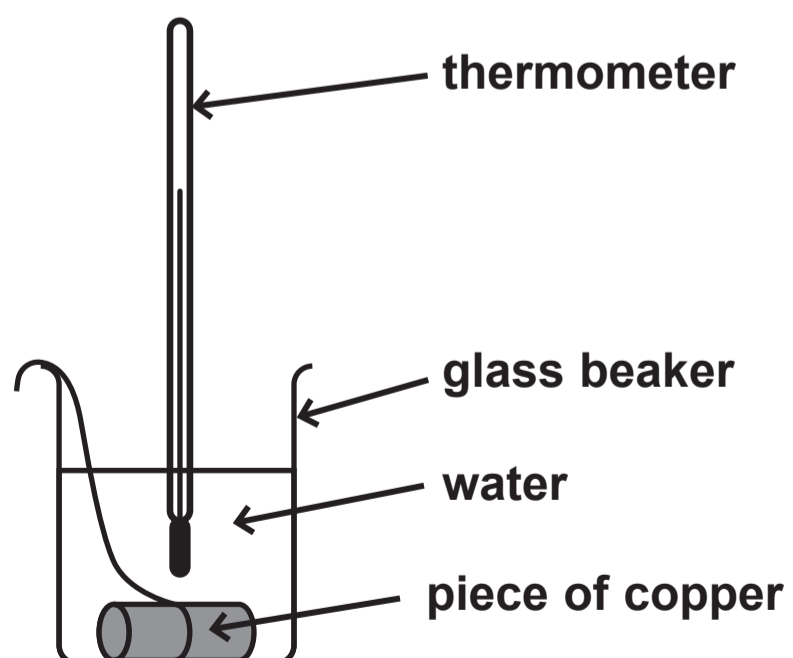


Figure 6



Question 3

Figure 7

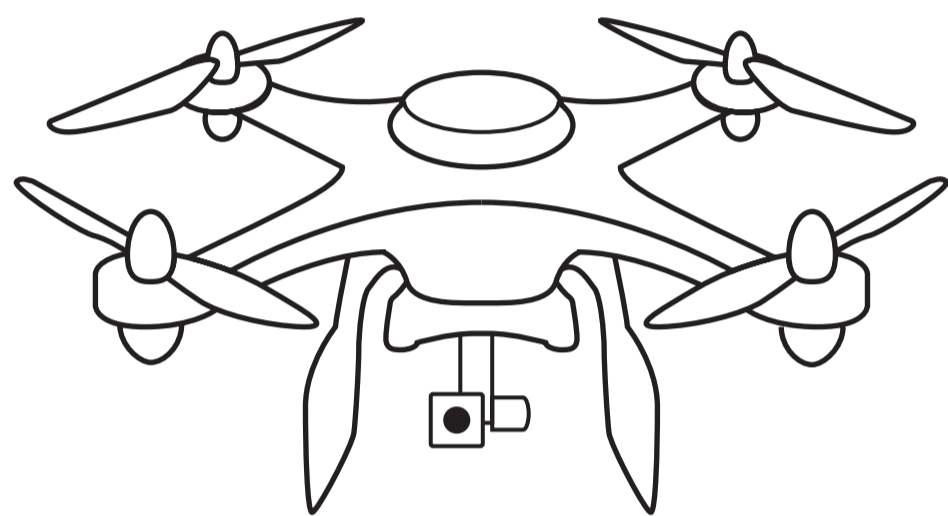
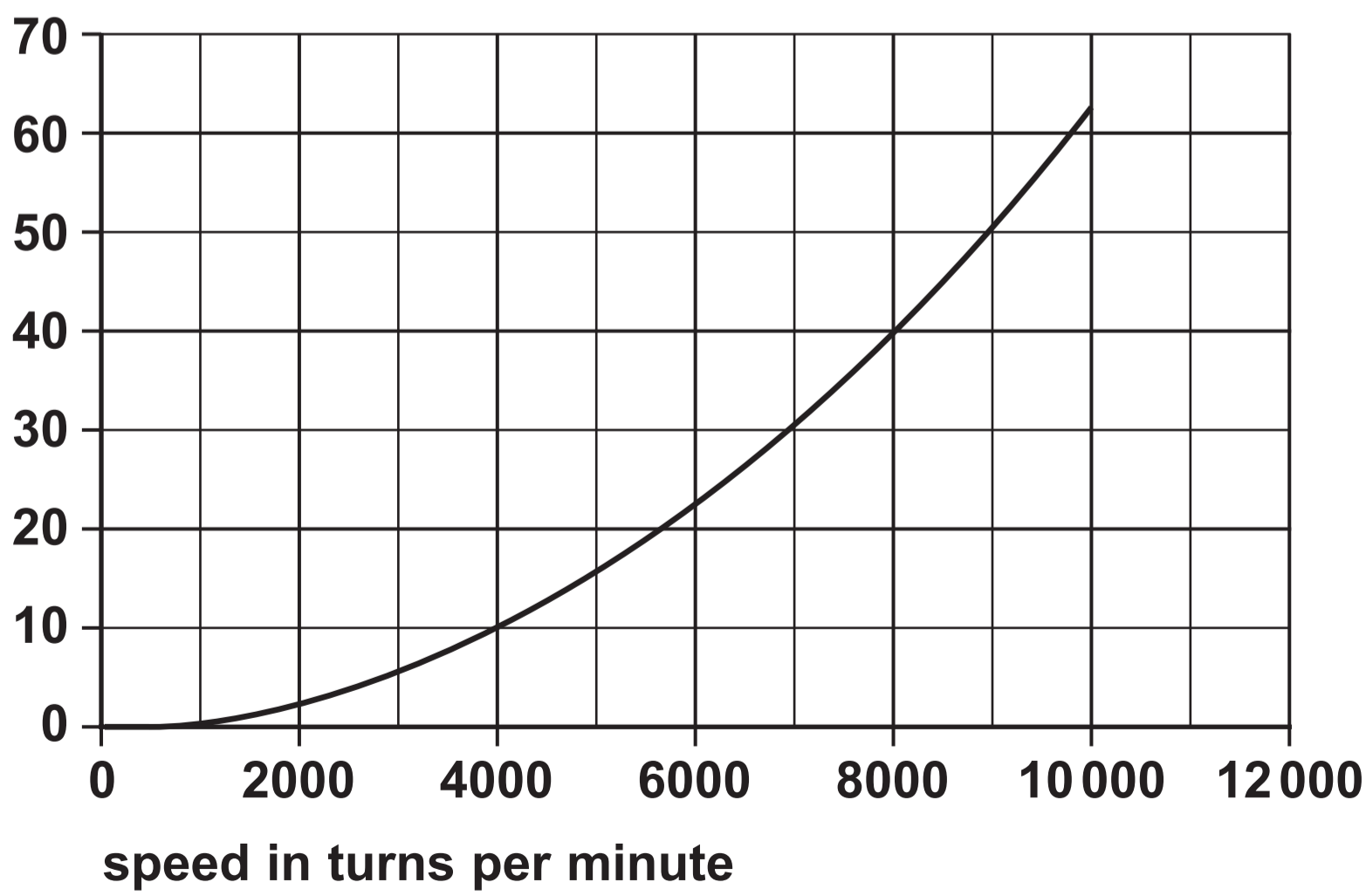


Figure 8

upward
force
in N



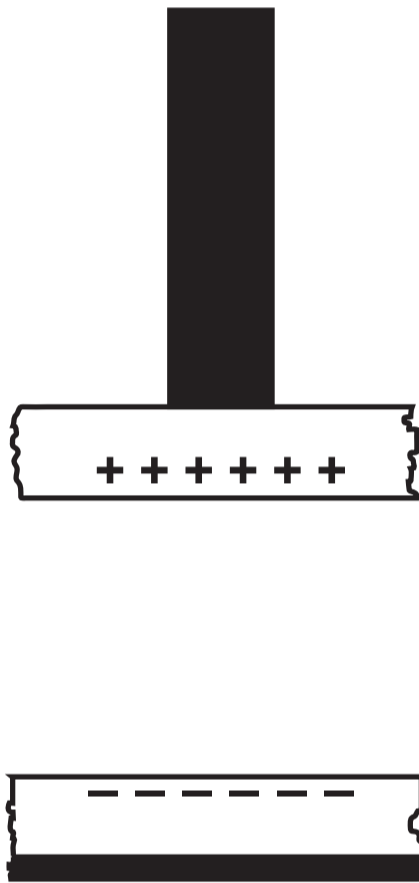
Question 4(b)

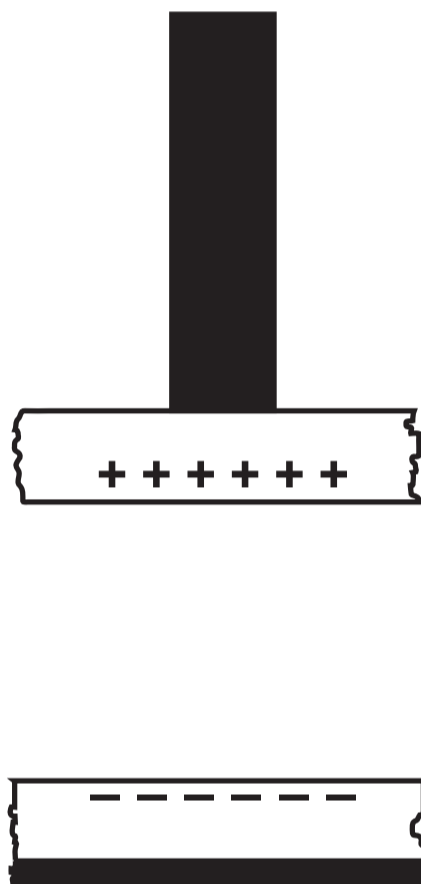
Figure 9



Question 4(b)(iii)

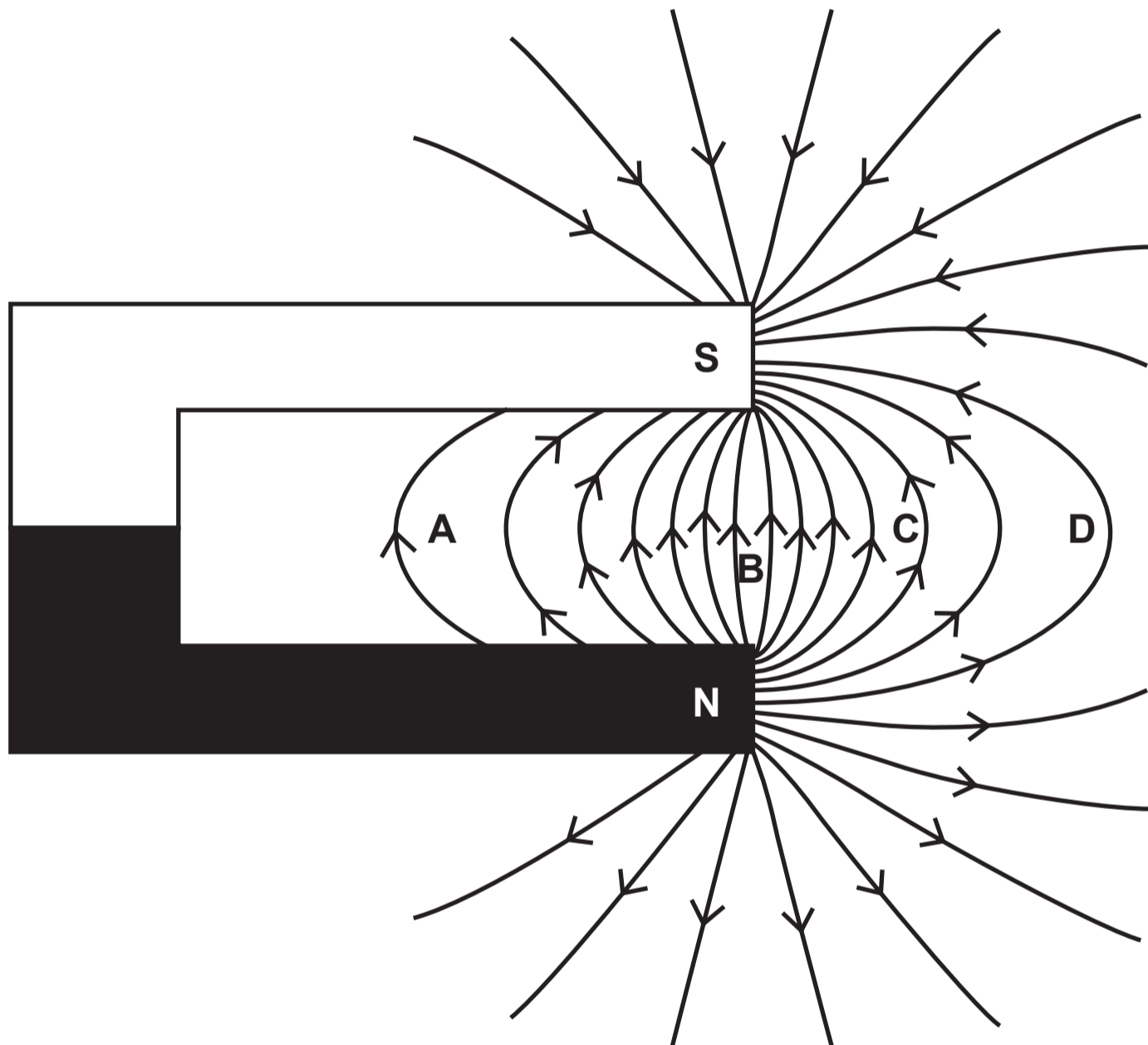
Figure 10



Question 4(b)(iii) (Spare copy)**Figure 10**

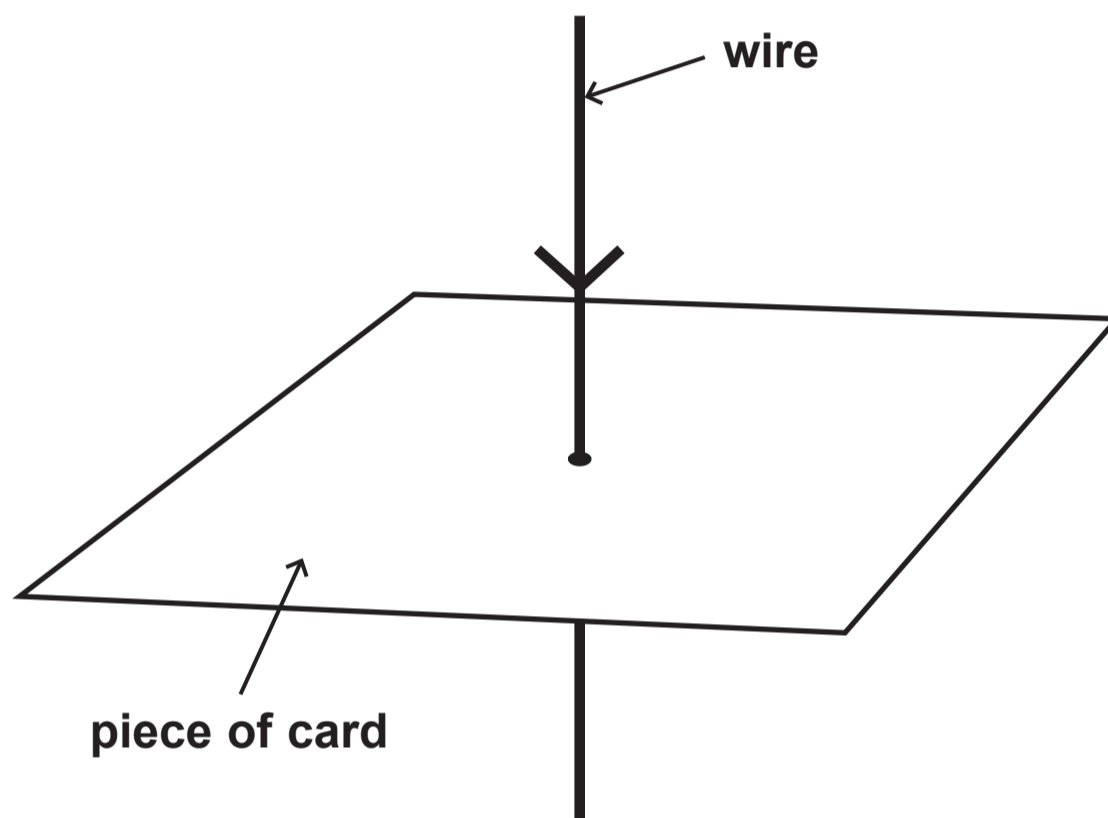
Question 5(a)

Figure 11



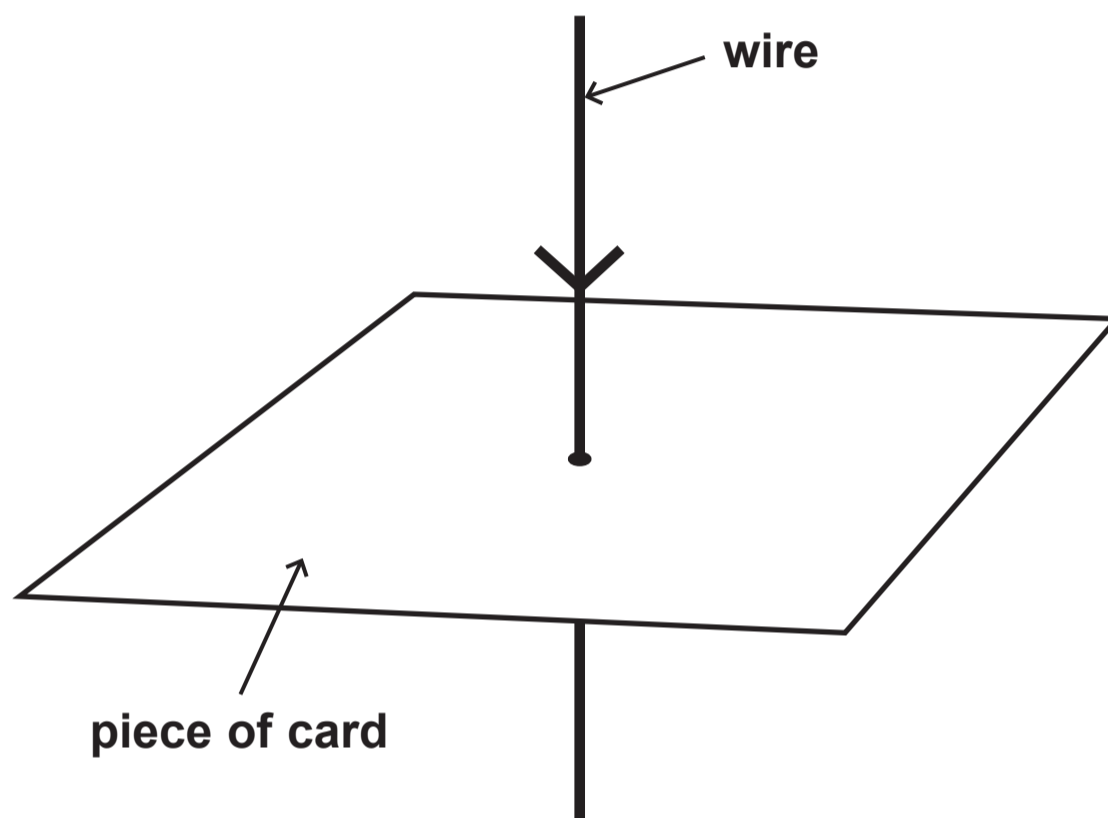
Question 5(b)

Figure 12



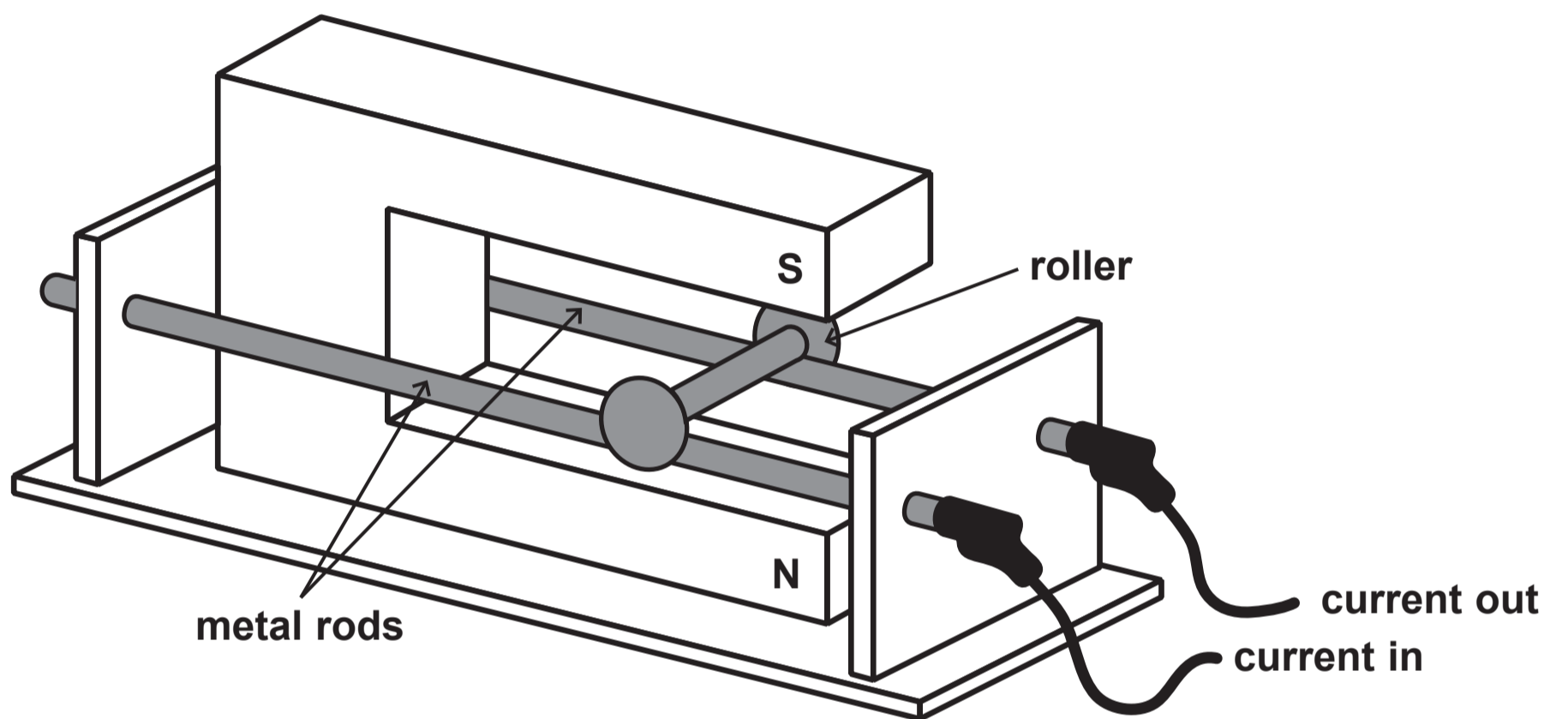
Question 5(b) (Spare copy)

Figure 12



Question 5(c)

Figure 13



Question 5(c) (Spare copy)

Figure 13

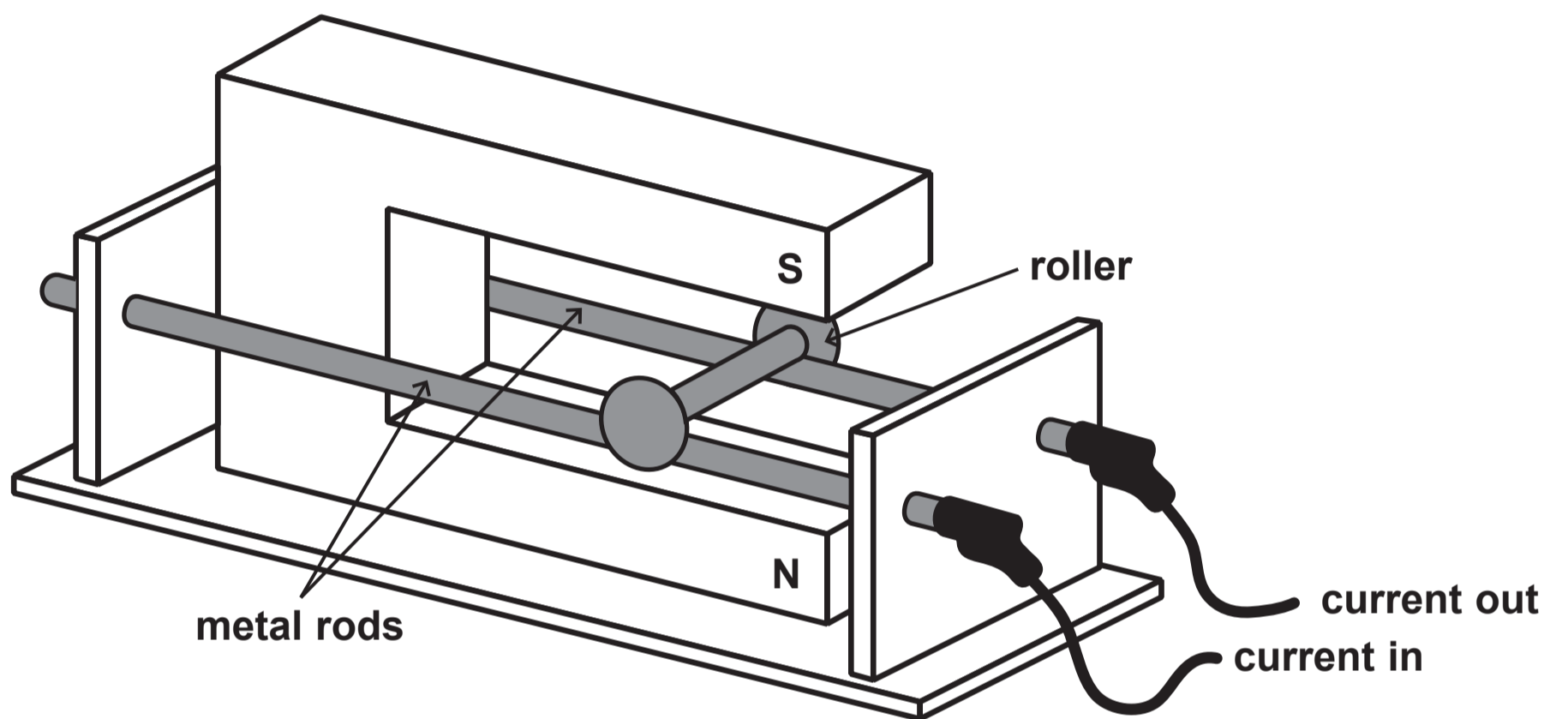


Figure 14a

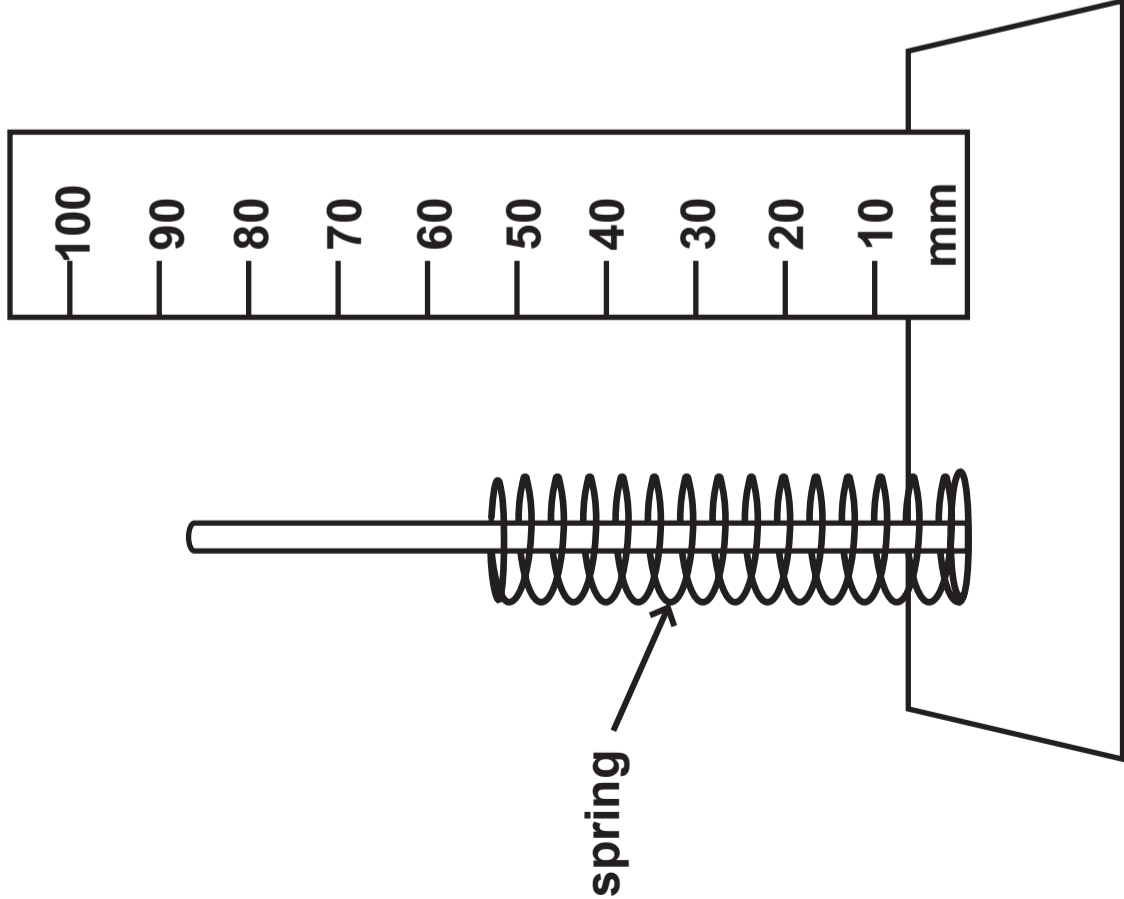


Figure 14b

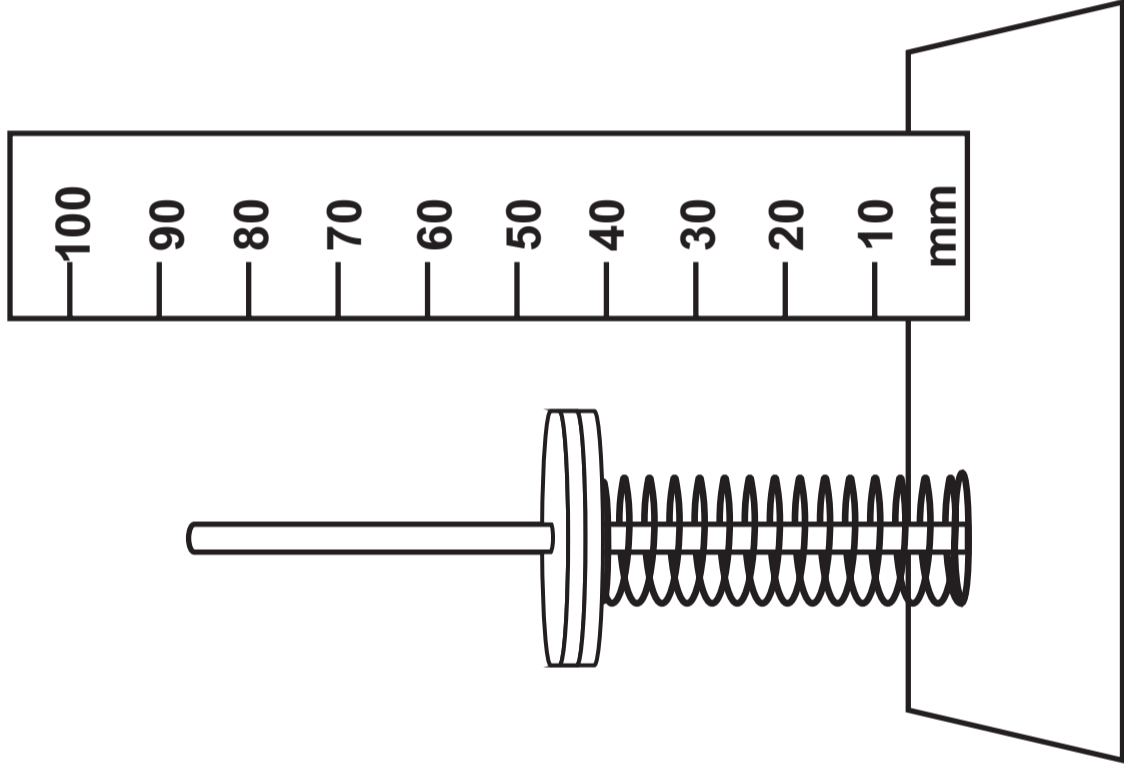
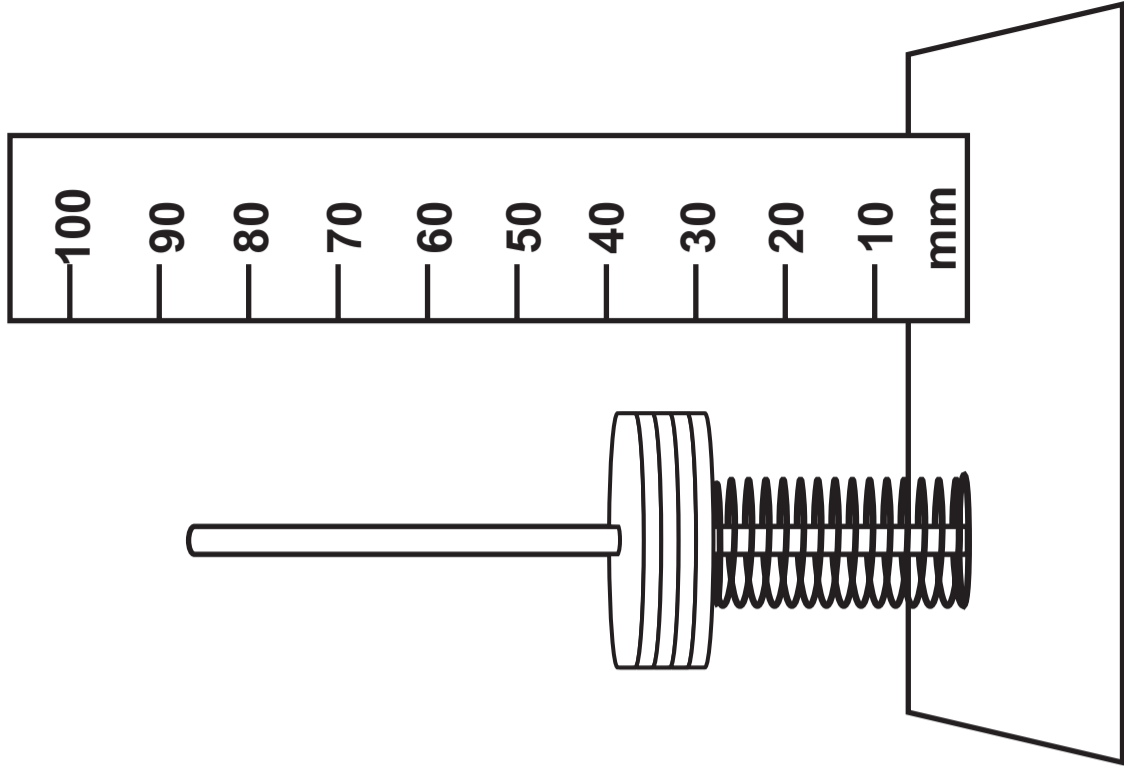
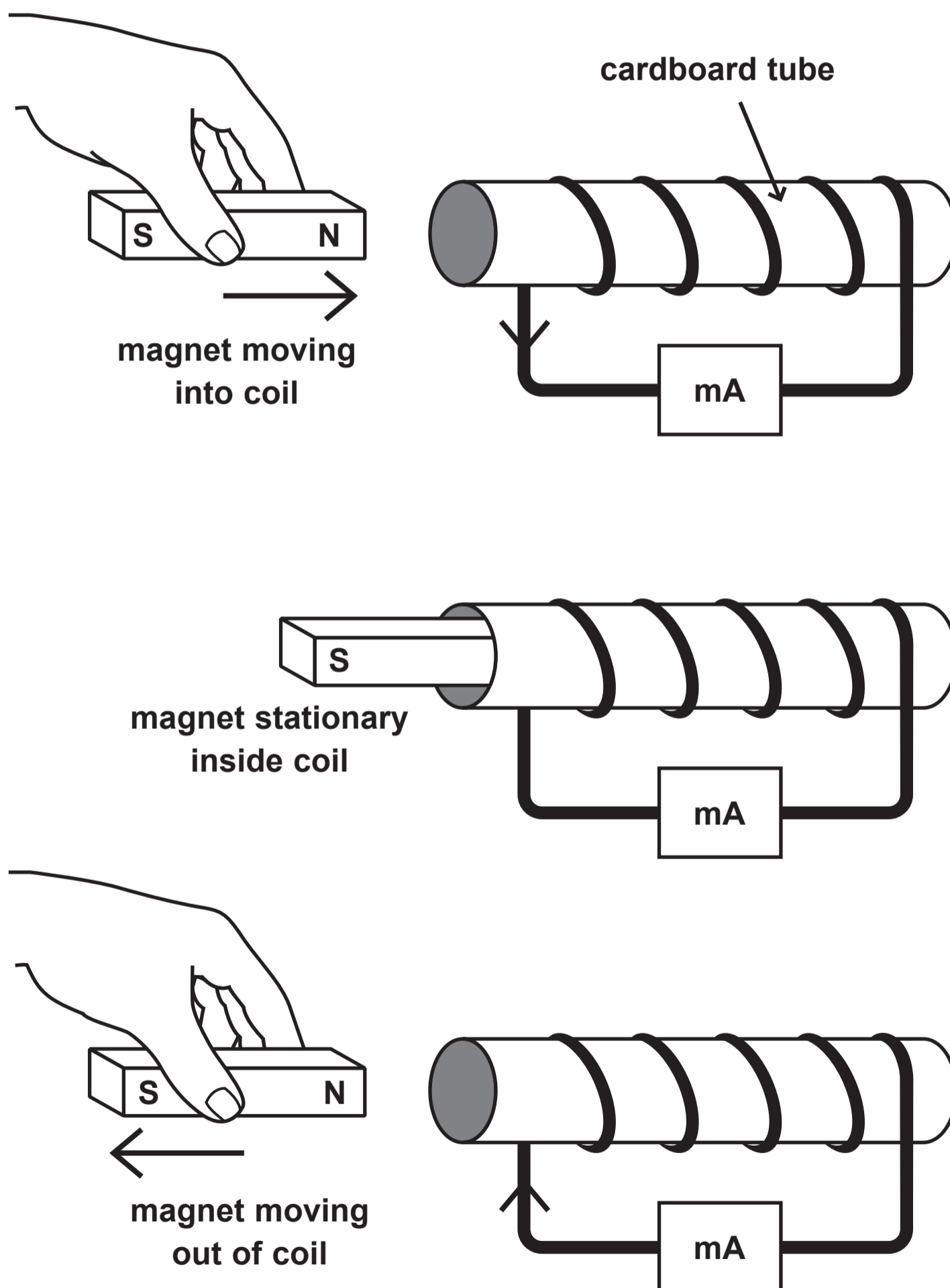


Figure 14c



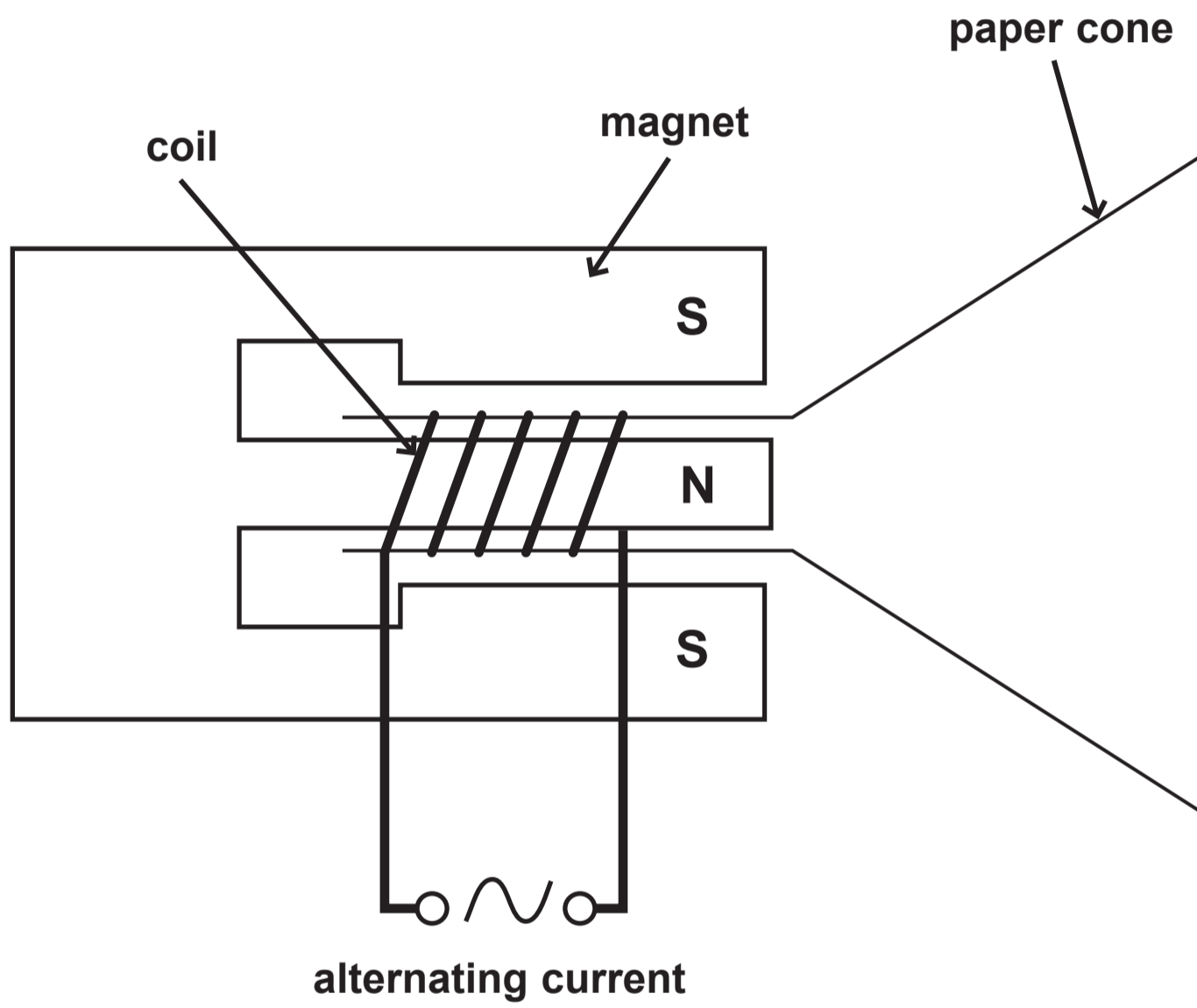
Question 7(a)

Figure 15



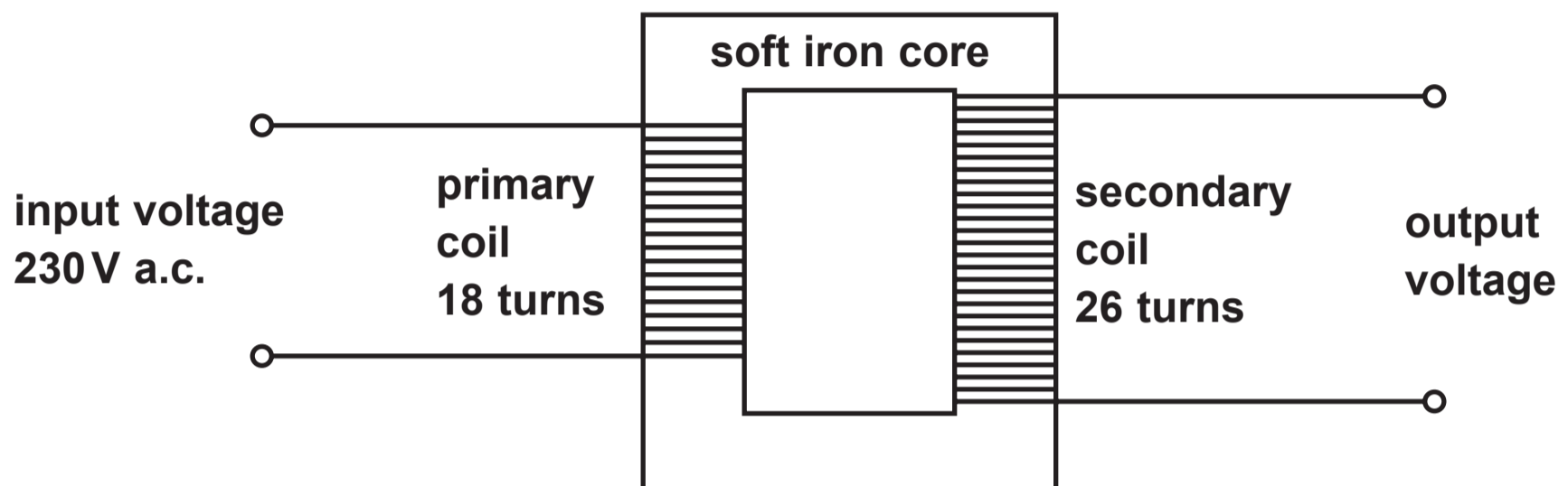
Question 7(b)

Figure 17



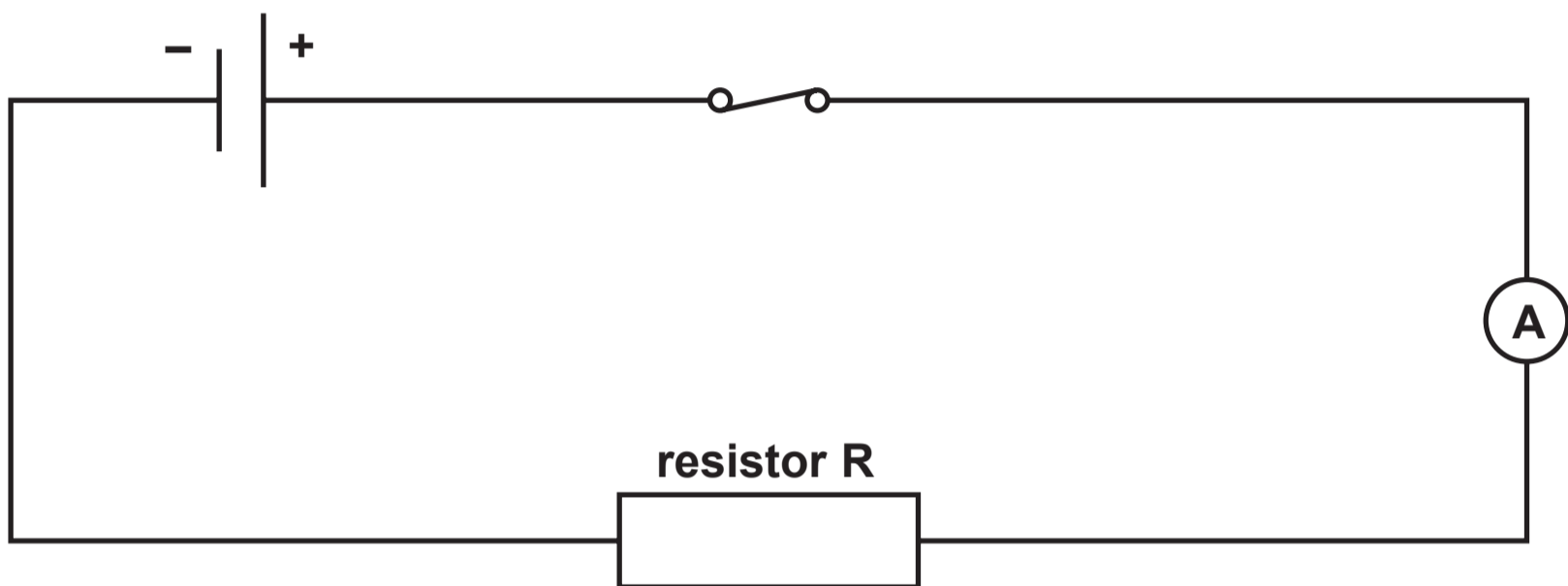
Question 7(c)

Figure 18



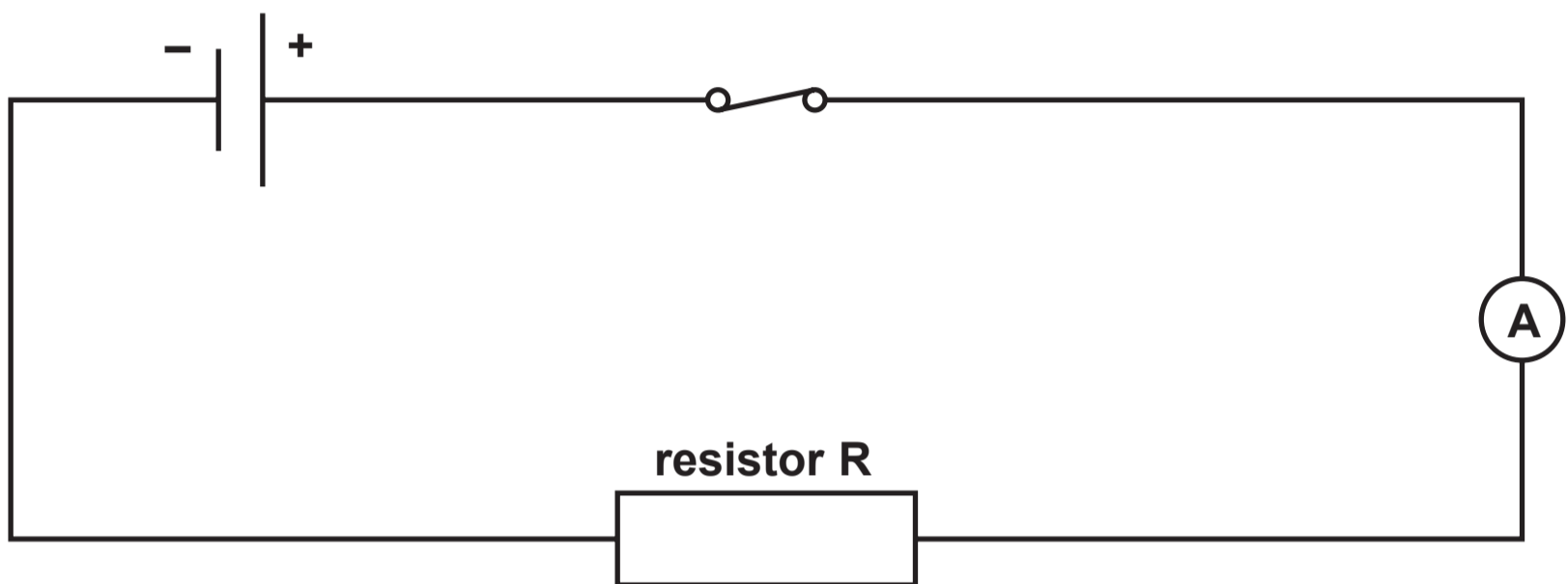
Question 8(a)

Figure 19



Question 8(a) (Spare copy)

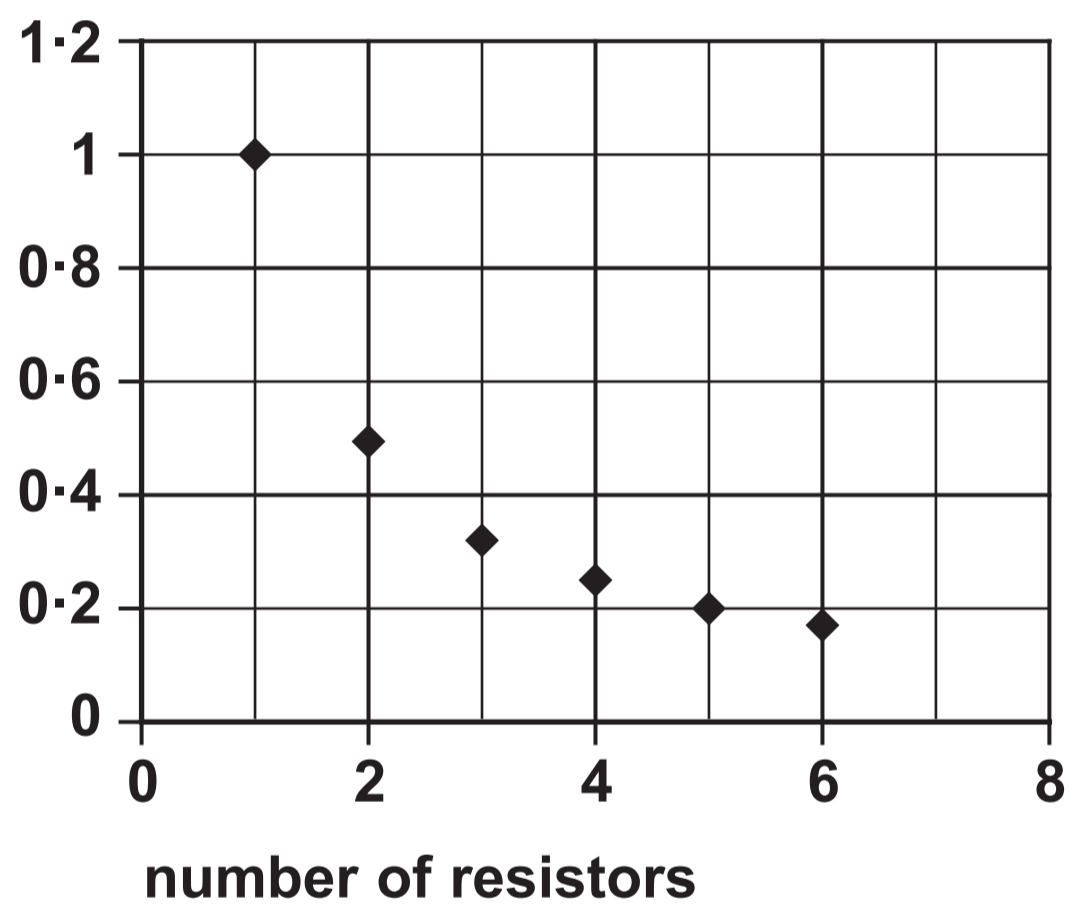
Figure 19



Question 8(a)(iii)

Figure 20

overall
resistance
in ohms



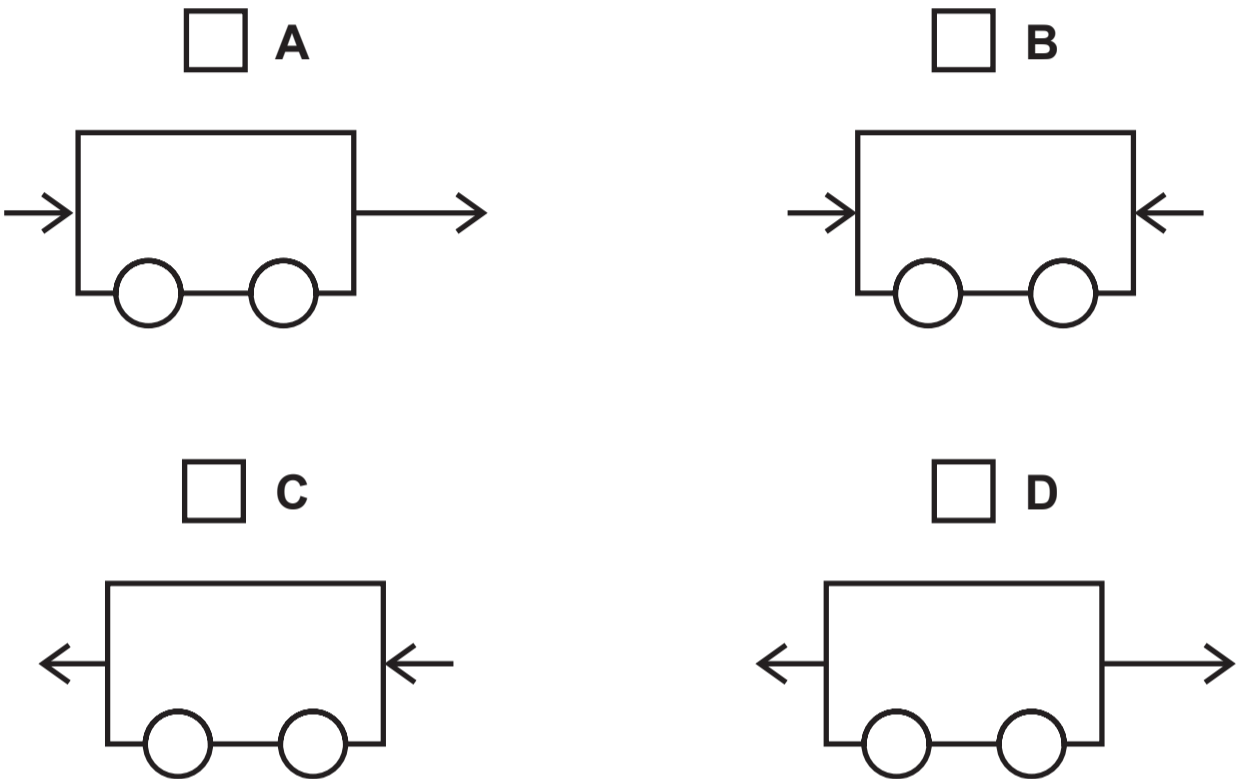
Question 8(b)

Figure 21



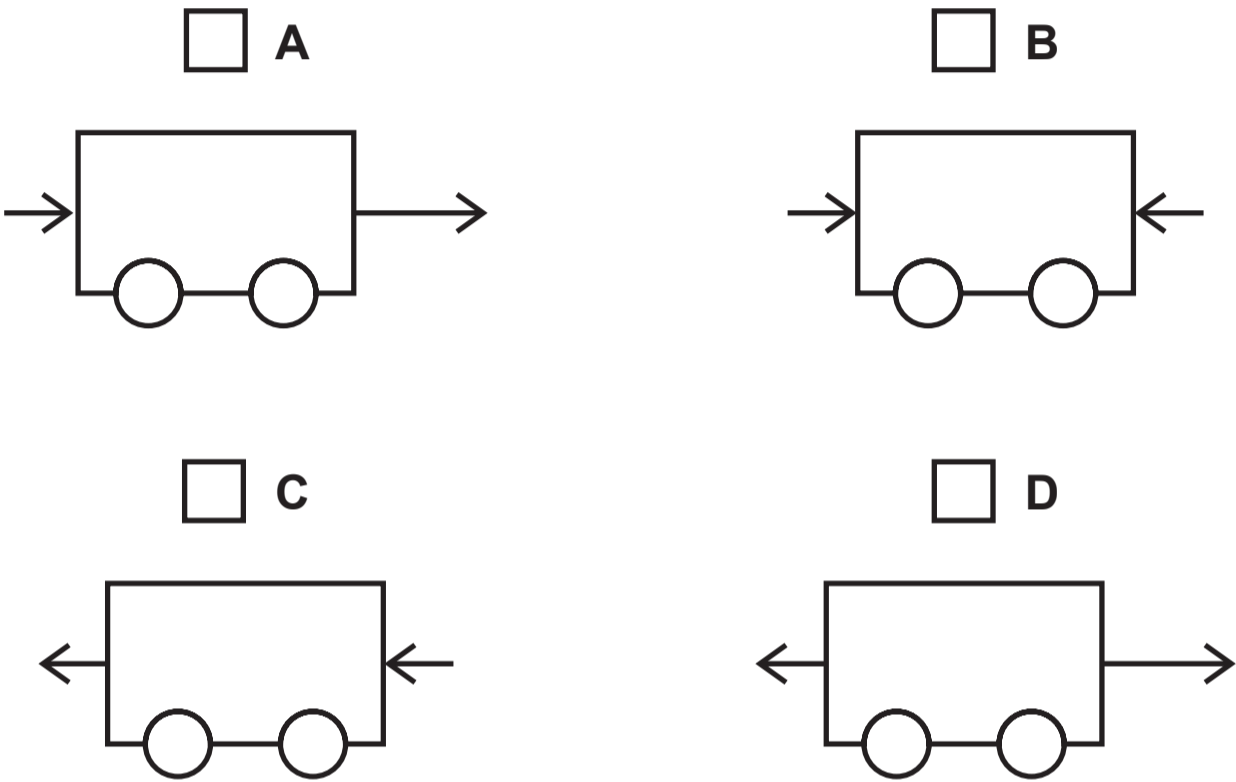
Question 9(a)

Figure 22



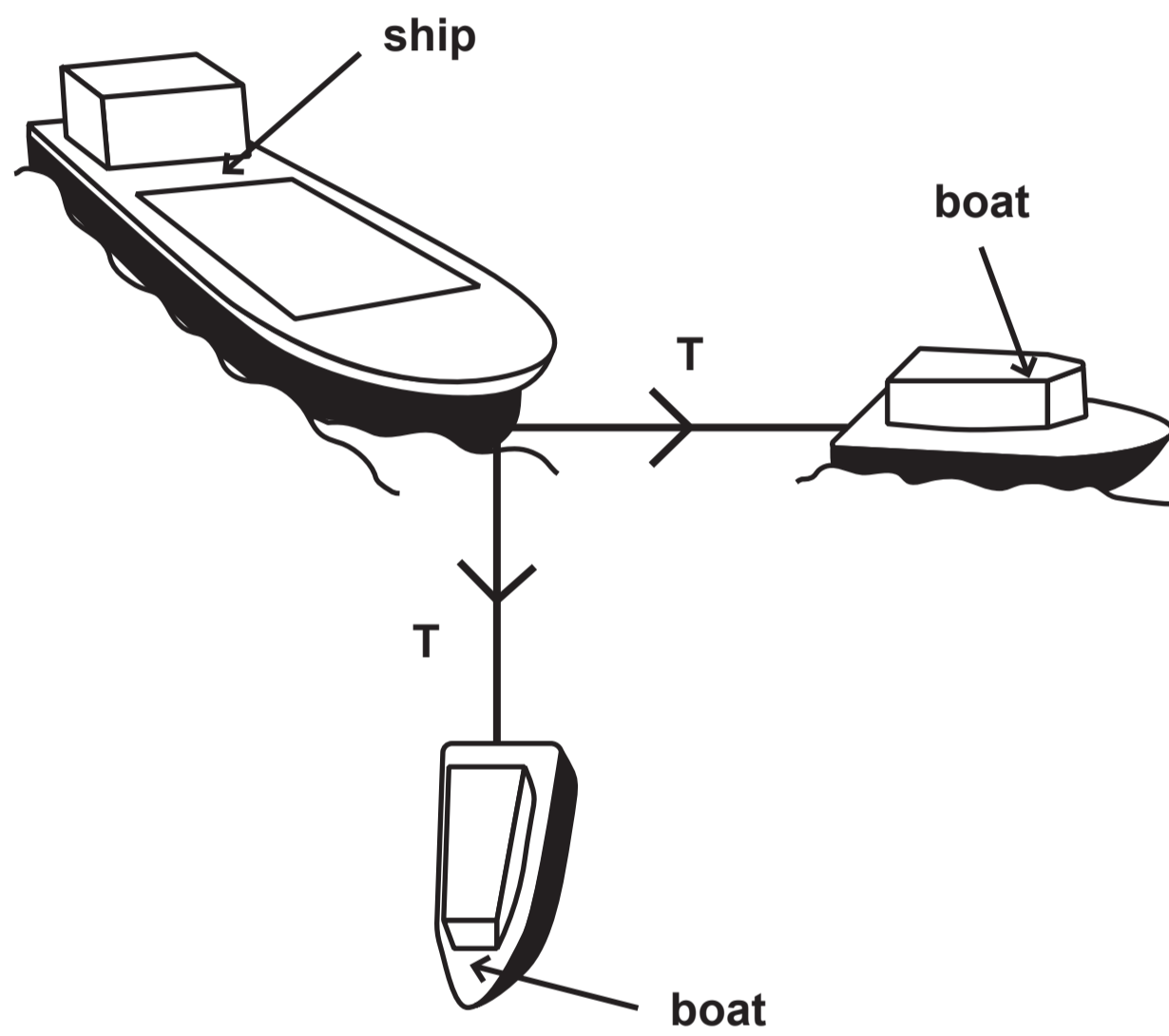
Question 9(a) (Spare copy)

Figure 22



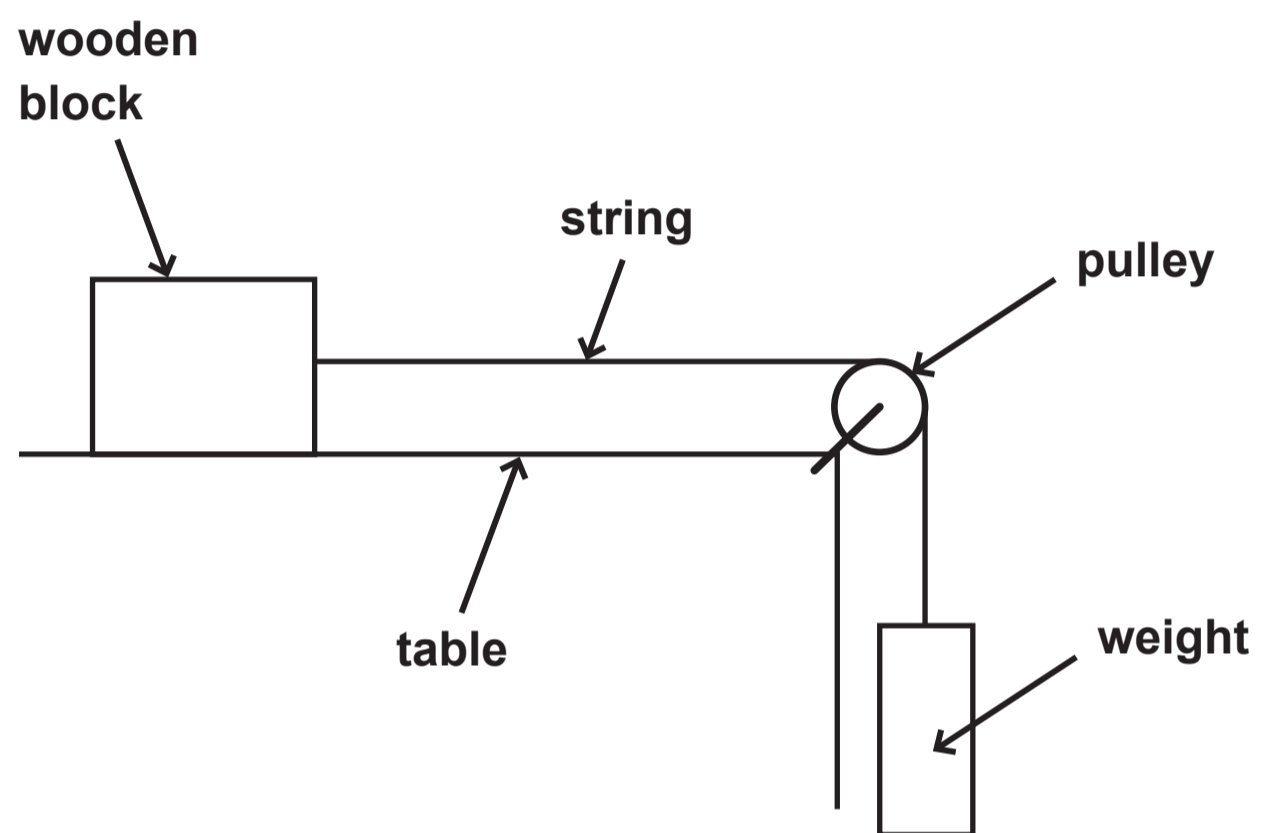
Question 9(b)

Figure 23



Question 9(c)

Figure 24



Question 9(c) (Spare copy)

Figure 24

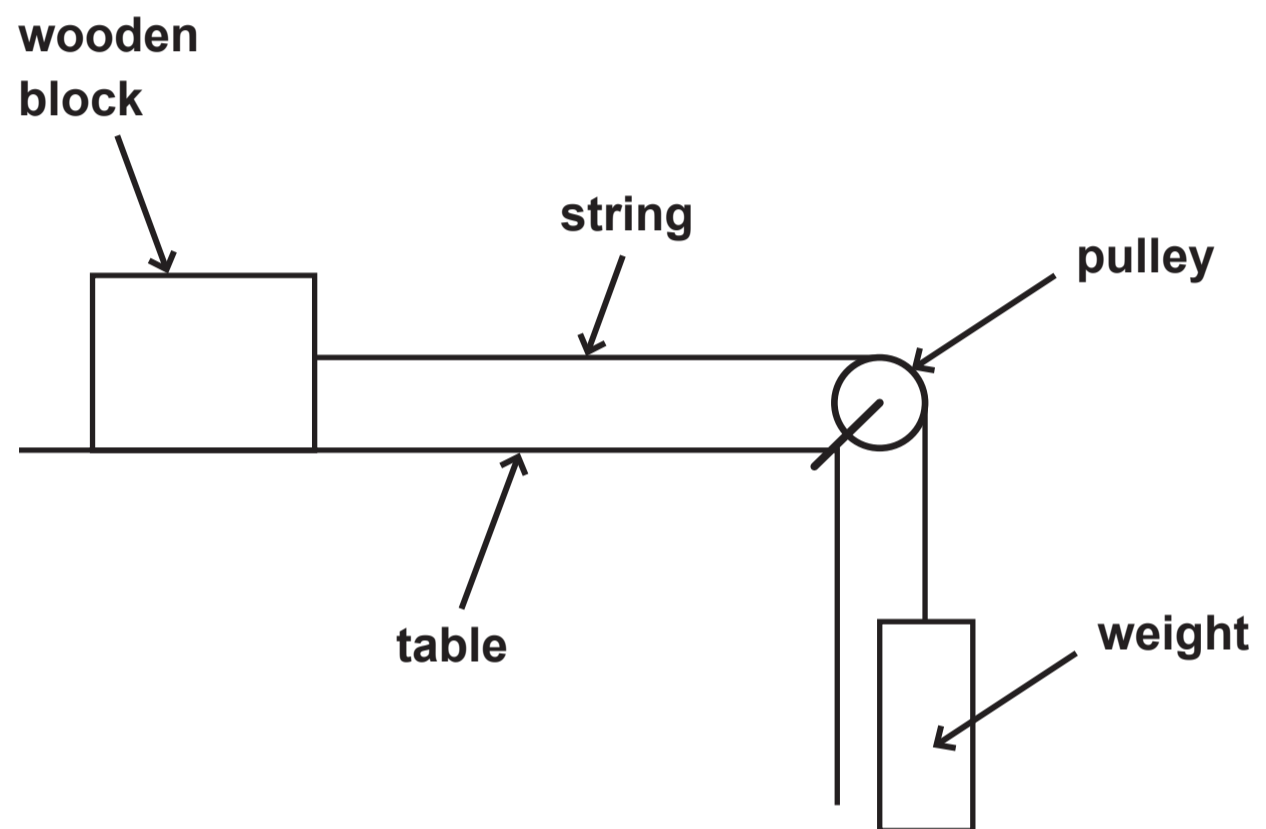
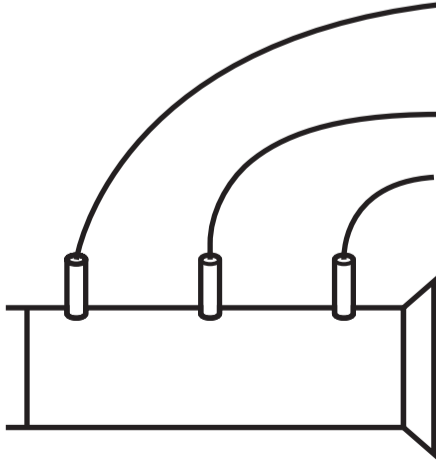
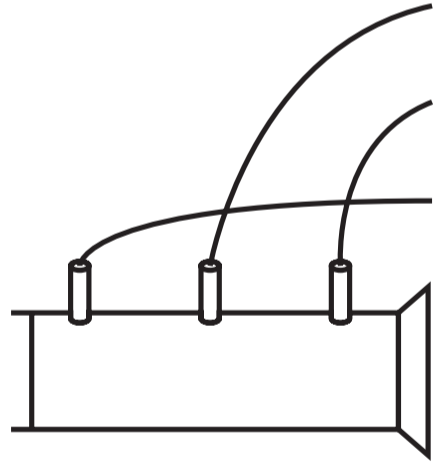


Figure 25

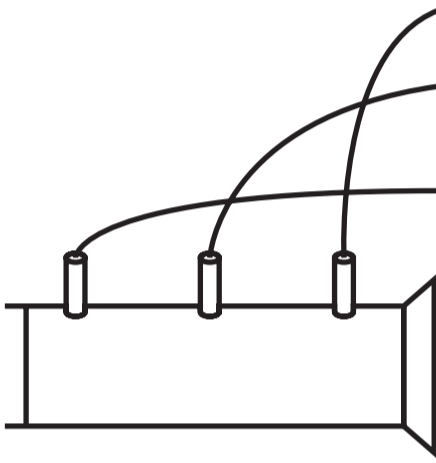
☐ A



☐ B



☐ C



☐ D

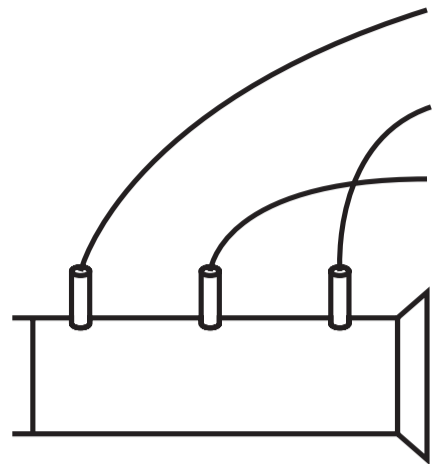
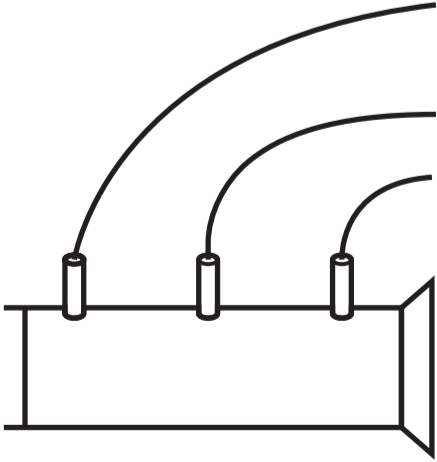
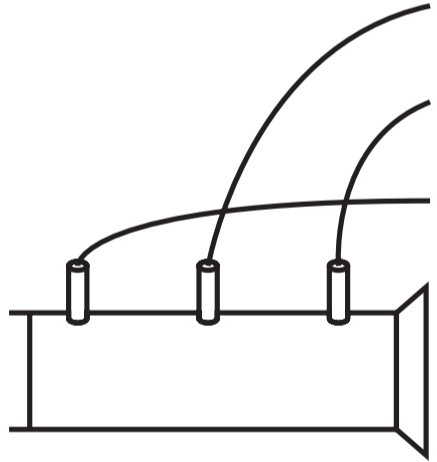


Figure 25

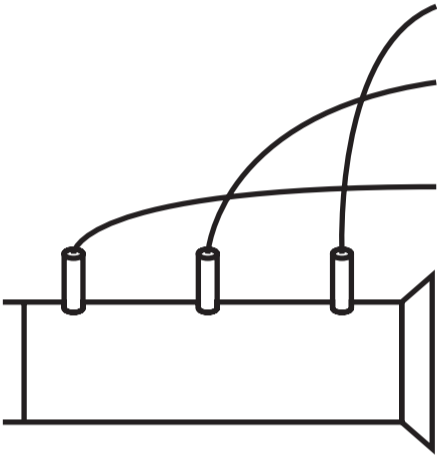
☐ A



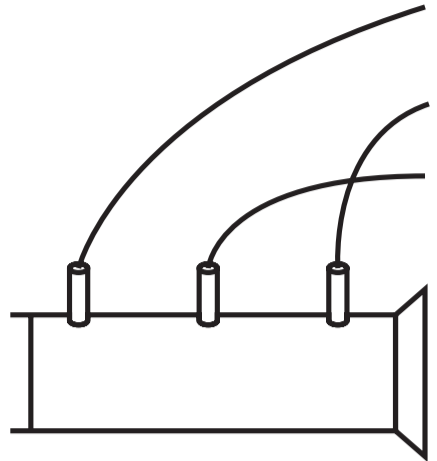
☐ B



☐ C



☐ D



Question 10(b)

Figure 26

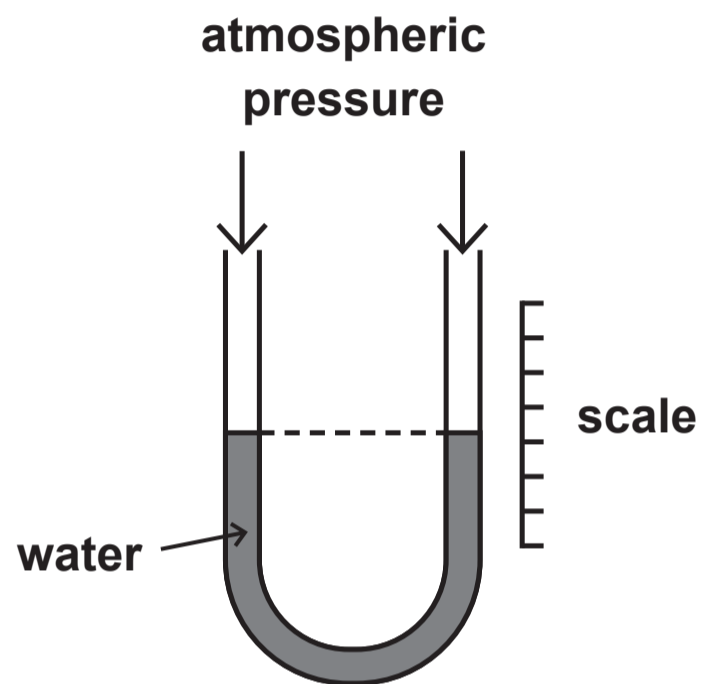
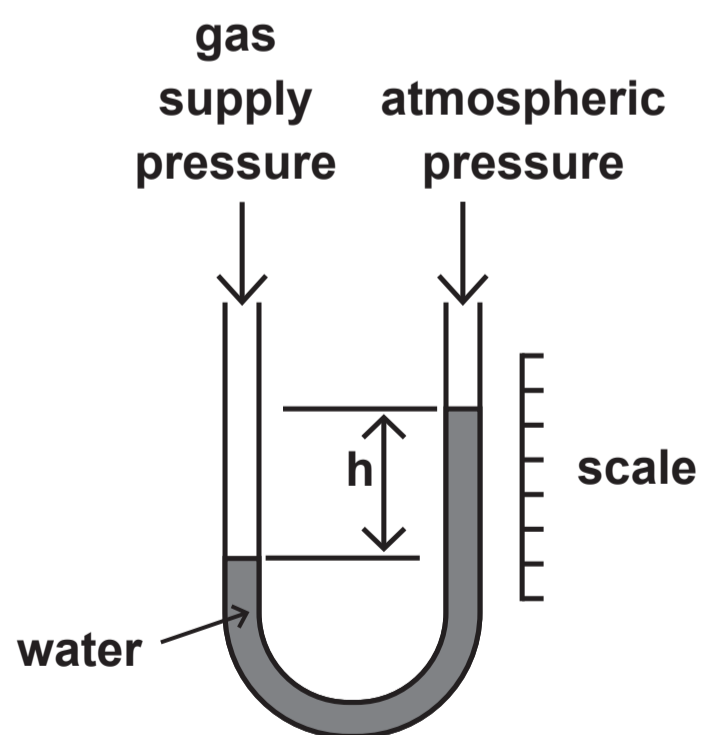
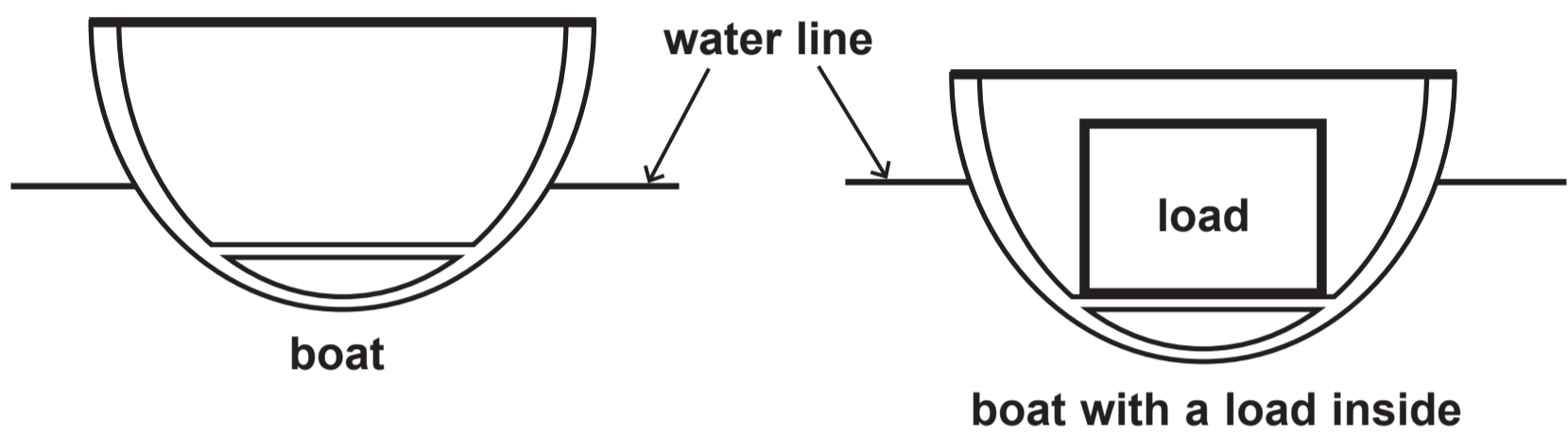


Figure 27



Question 10(c)

Figure 28



Question 2(a)

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Question 3

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