

Physics
Advanced
PAPER 1: Advanced Physics I

Friday 24 May 2024 – Morning

Time: 1 hour 45 minutes

Diagram Booklet

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

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.

CONTENTS

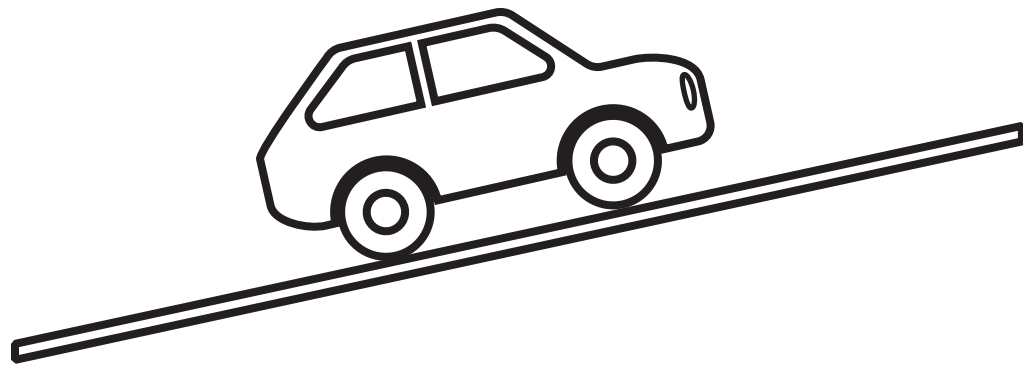
Page

3	Question 3
4	Question 4
5	Question 6
6	Question 9
7	Question 10
8	Question 11
9	Question 11(b)
10	Question 14
11	Question 15
12	Question 16(b)
13	Question 16(c)
14	Question 17(c)
15	Question 18
16	Question 18(b)

Spare Copies

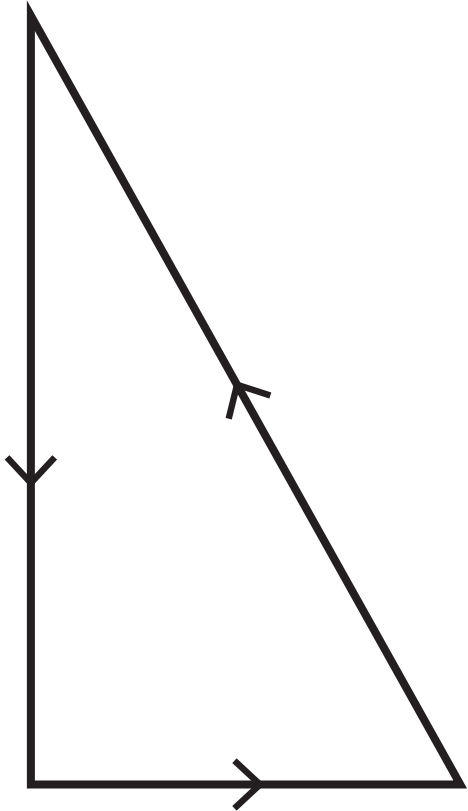
17	Question 15
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Question 3

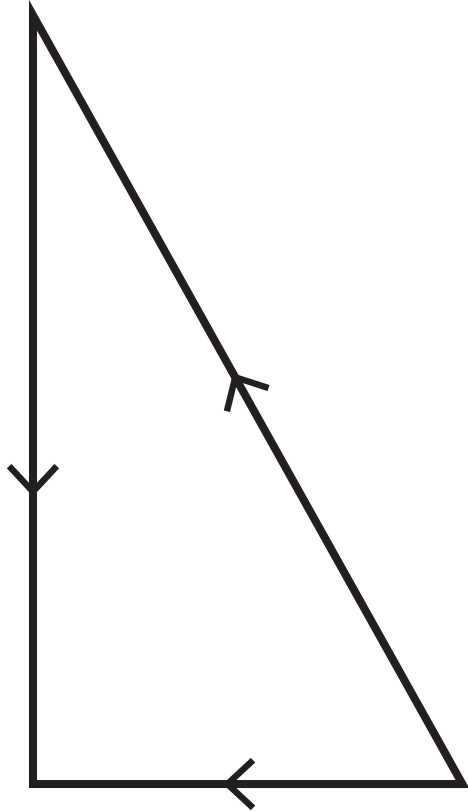


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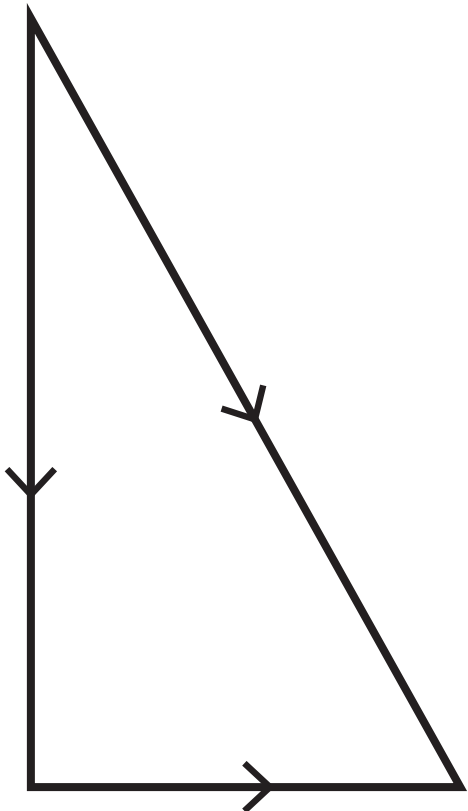
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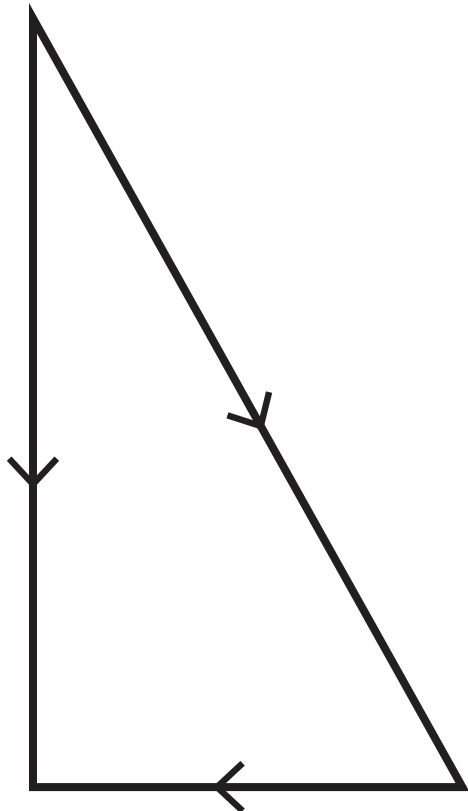
B



C

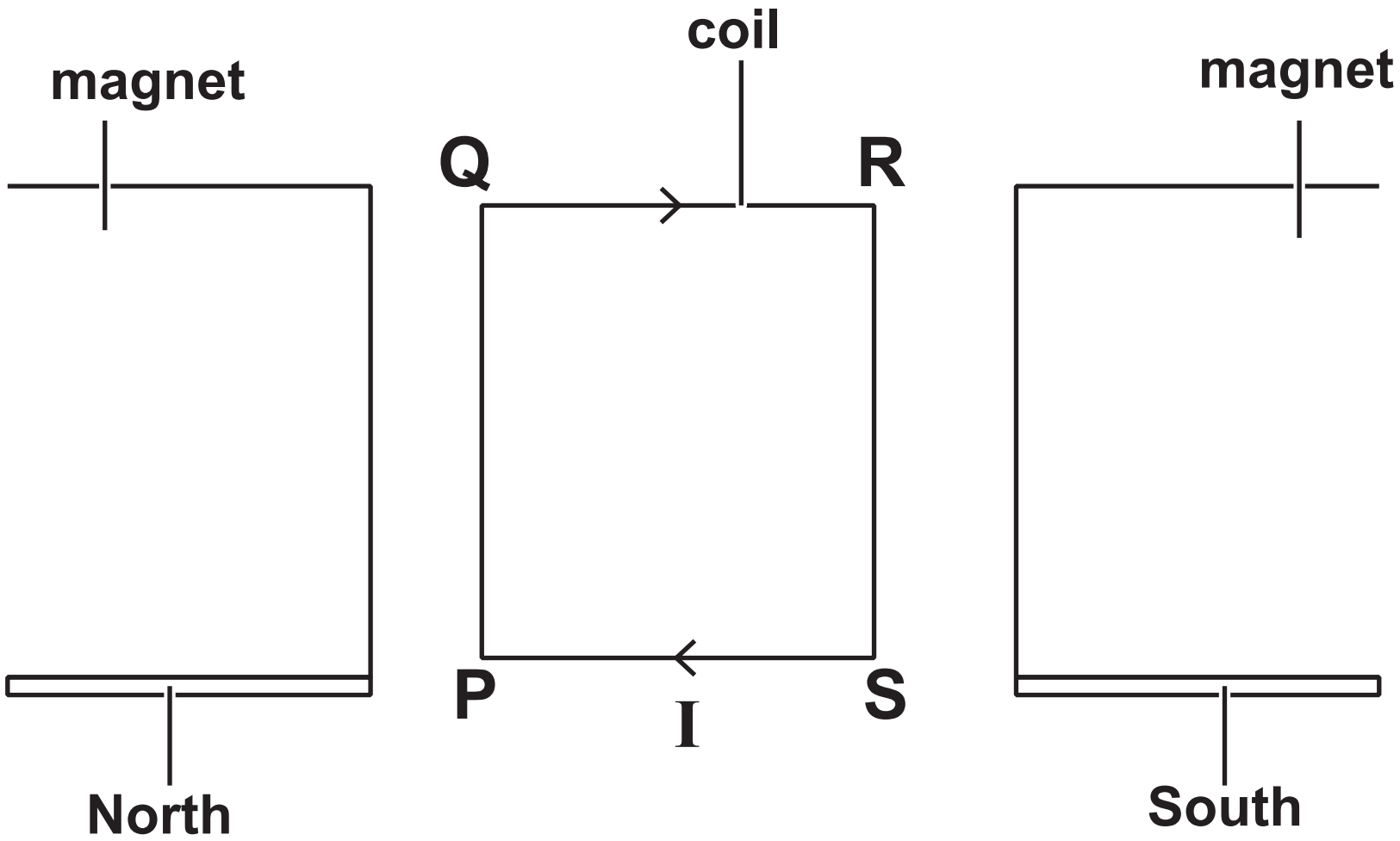


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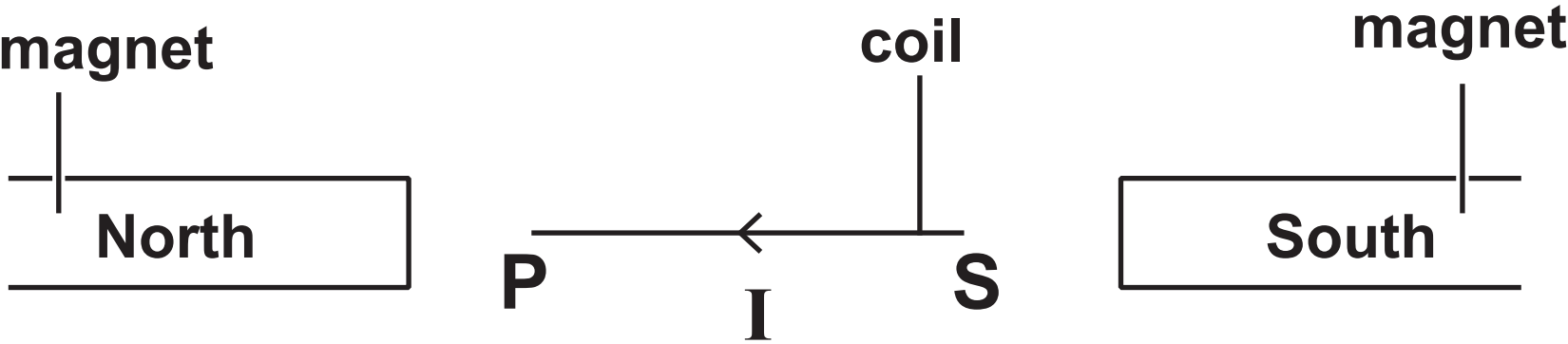


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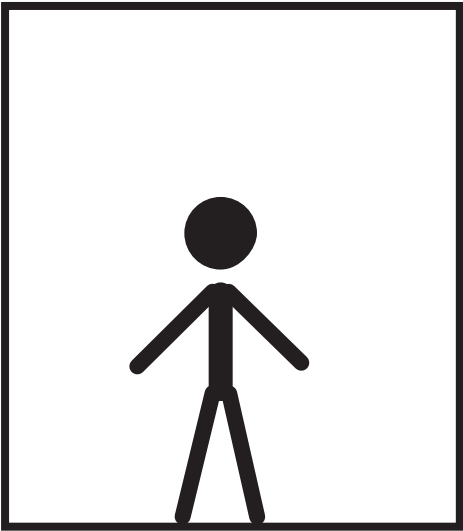
TOP VIEW



SIDE VIEW



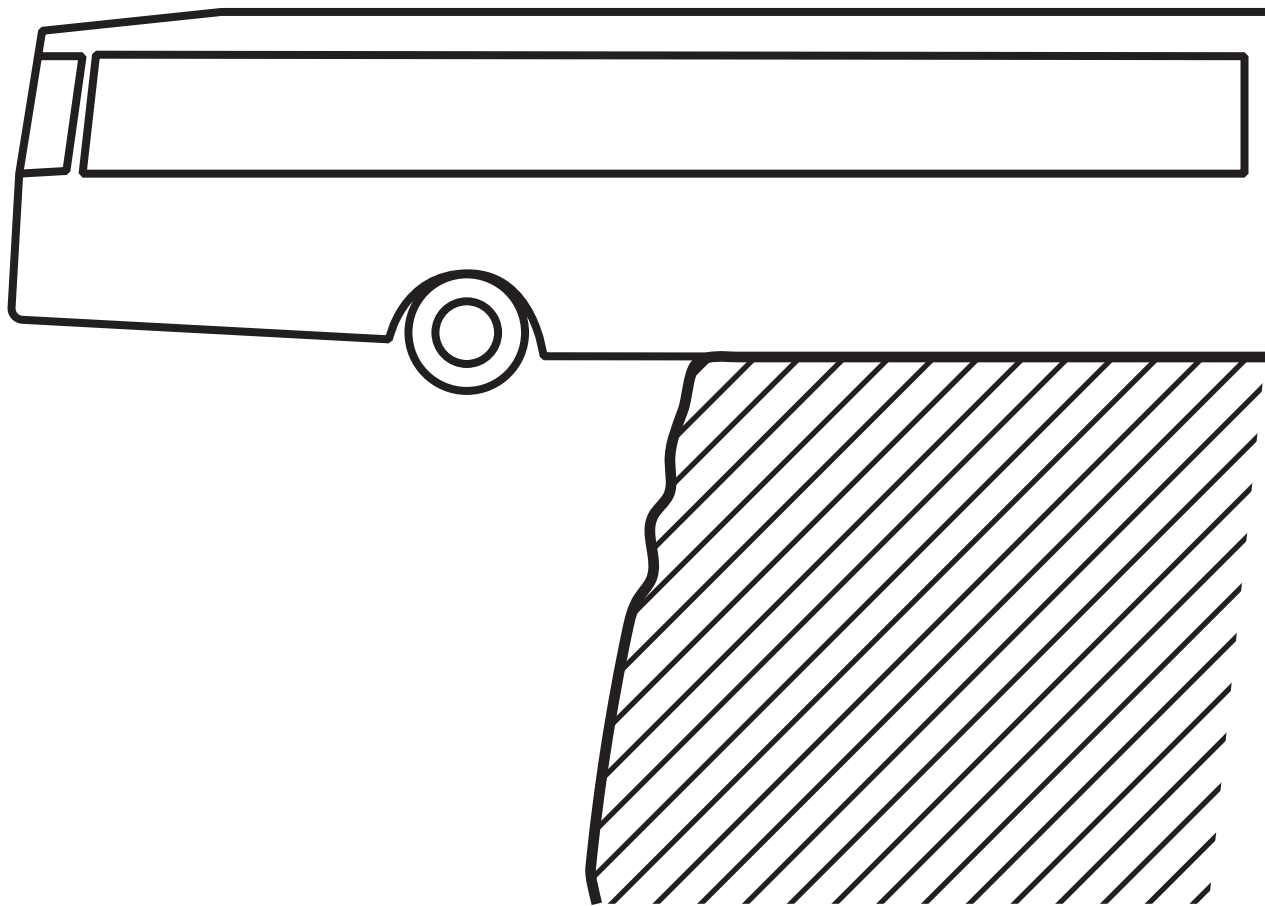
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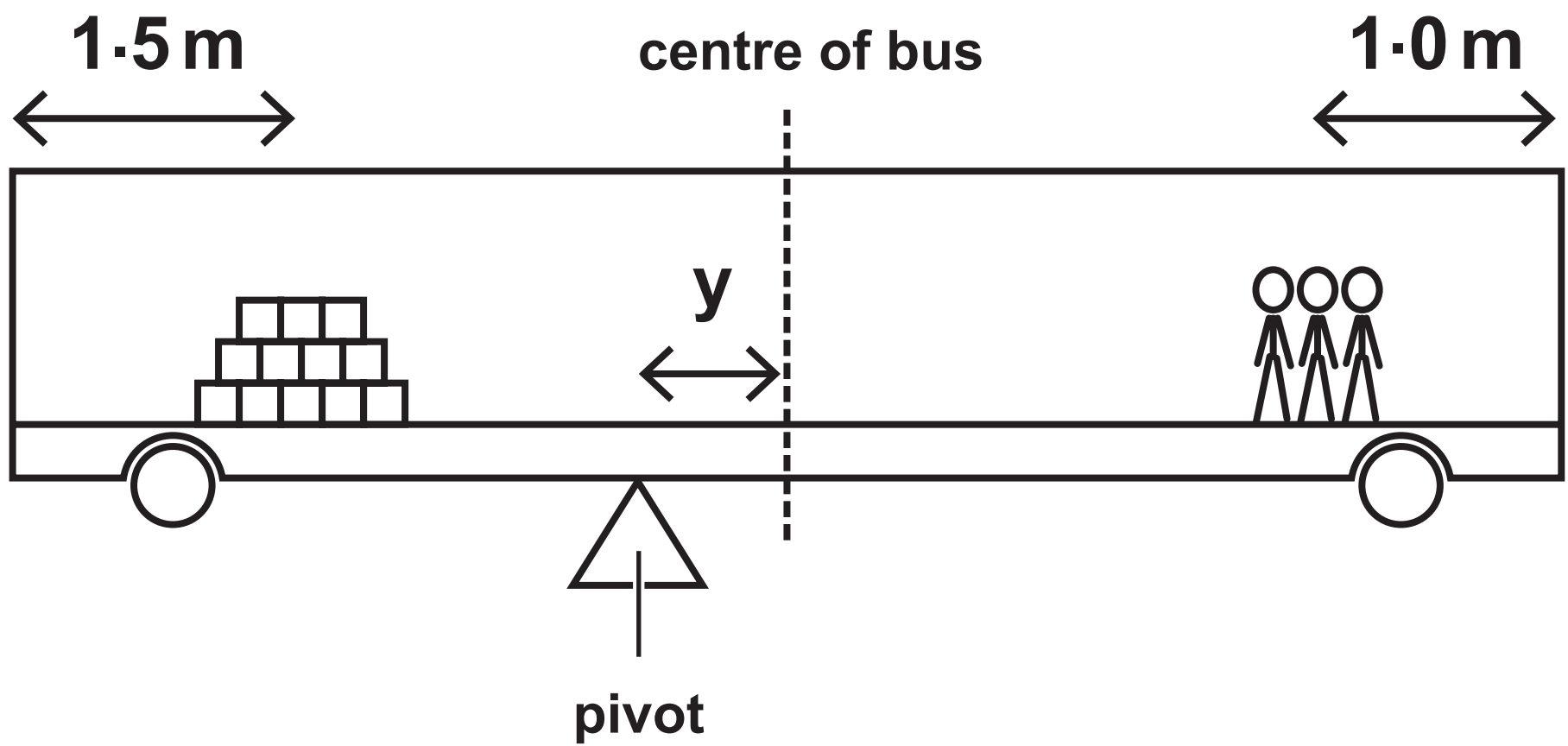
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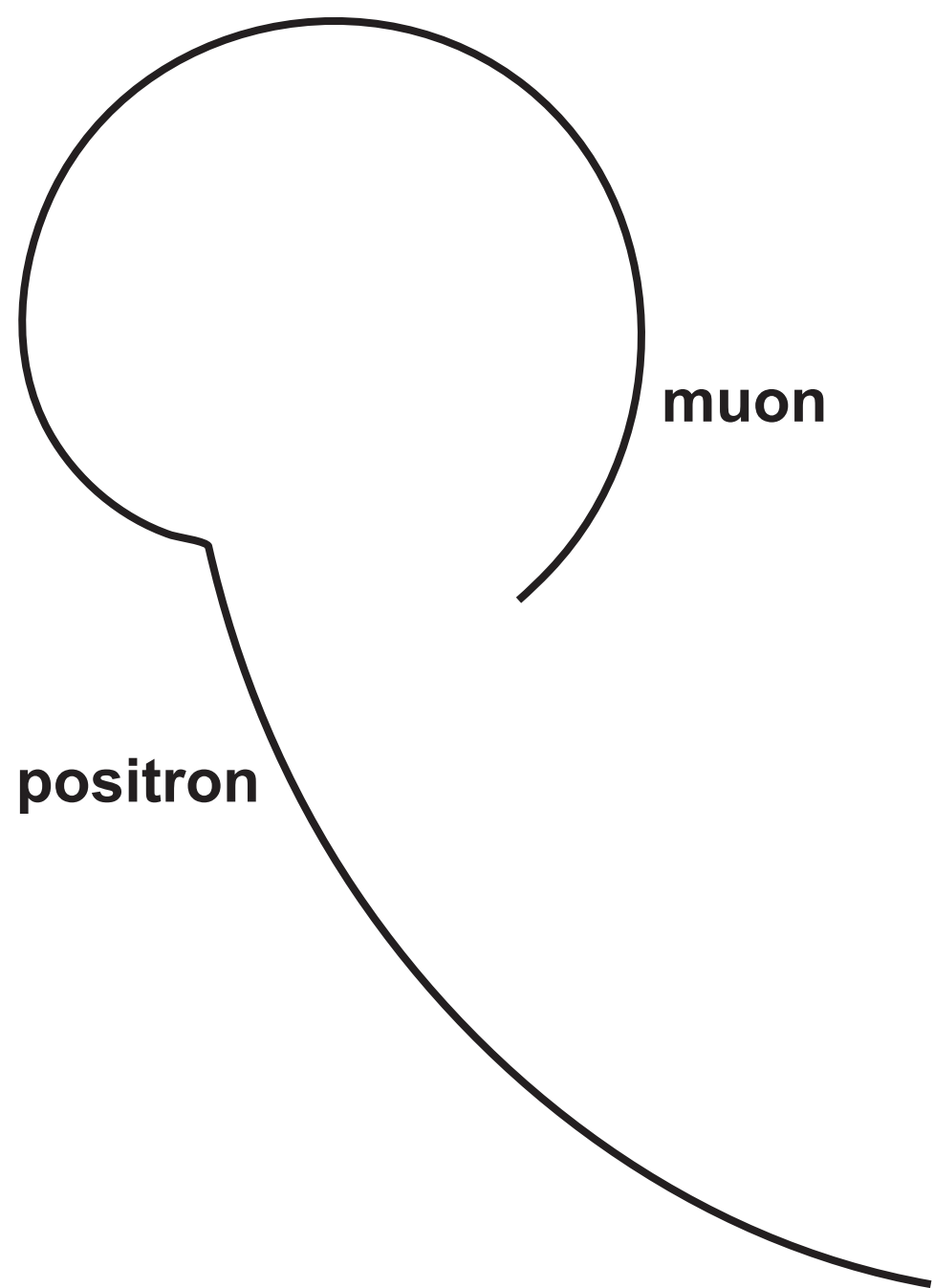
Question 11



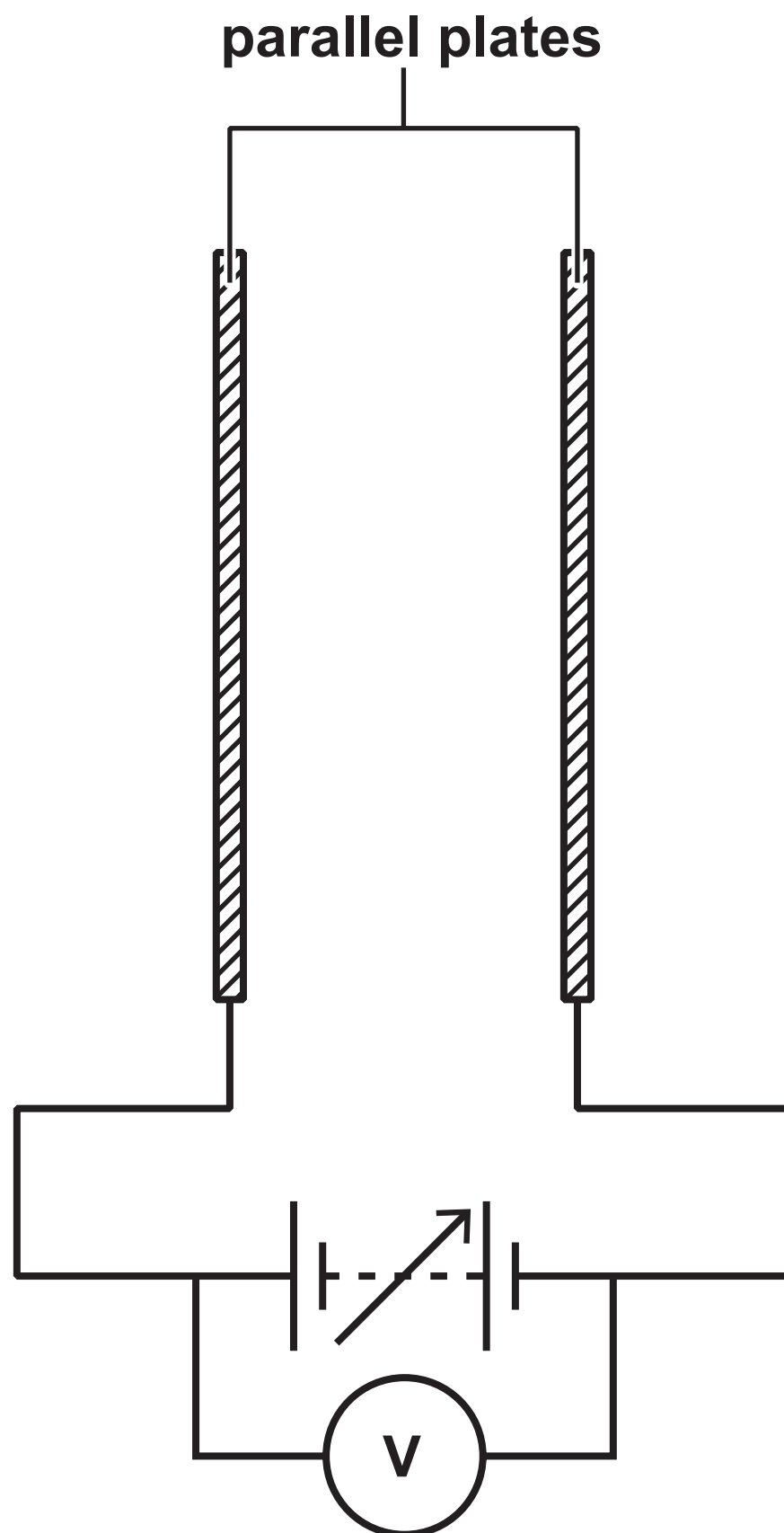
Question 11(b)



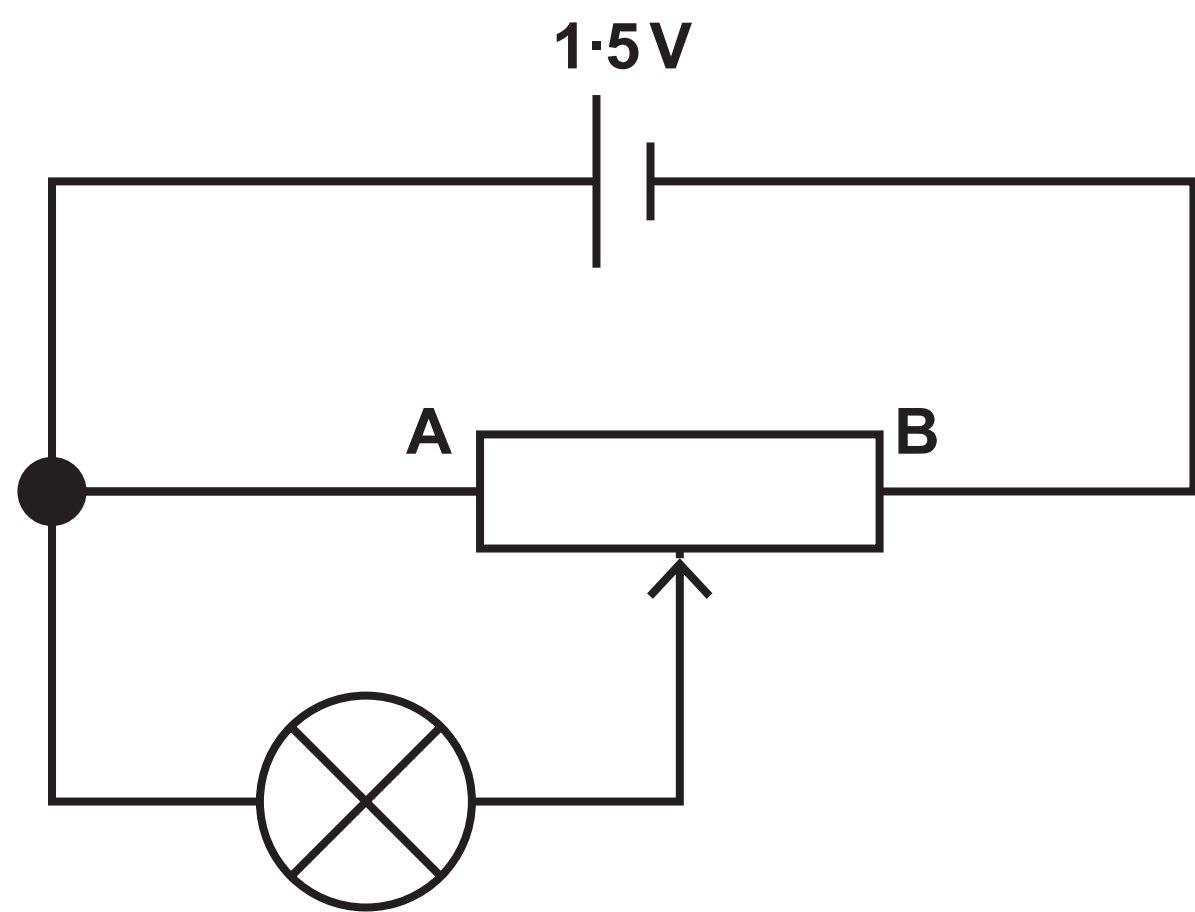
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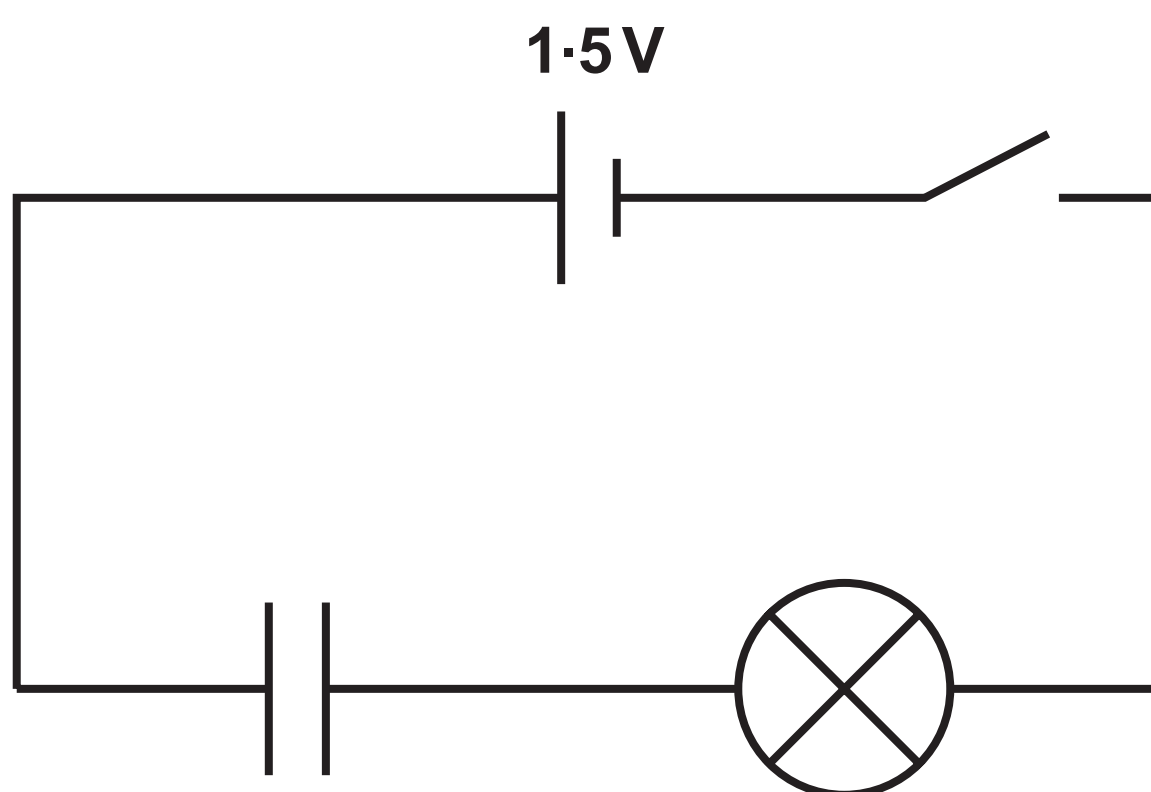
Question 15



Question 16(b)



Question 16(c)

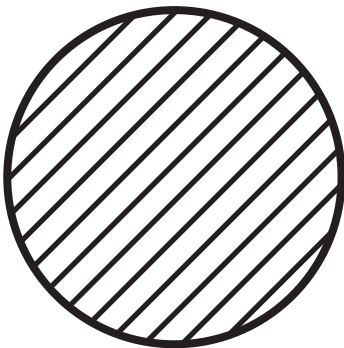


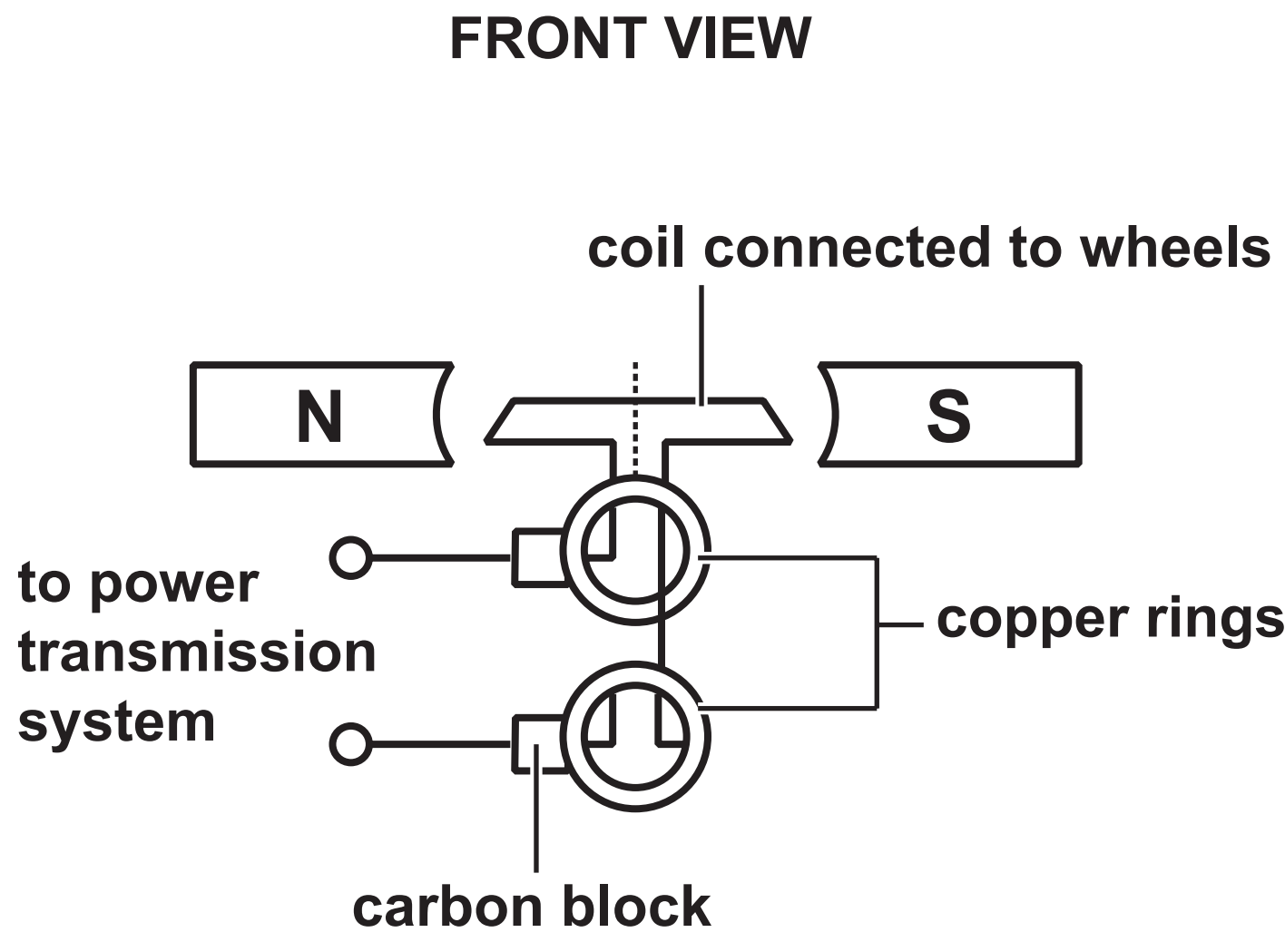
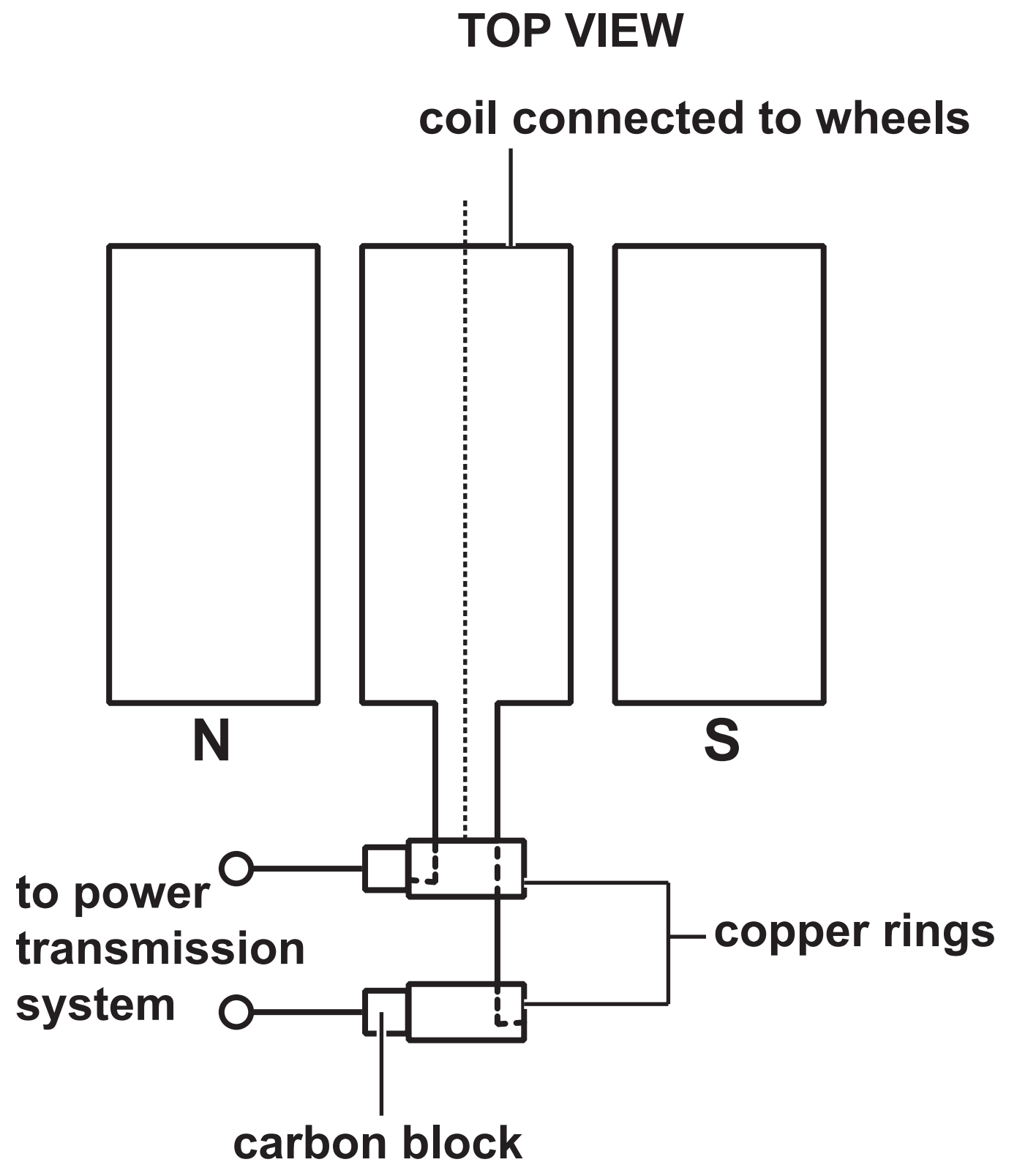
Question 17(c)

alpha particle

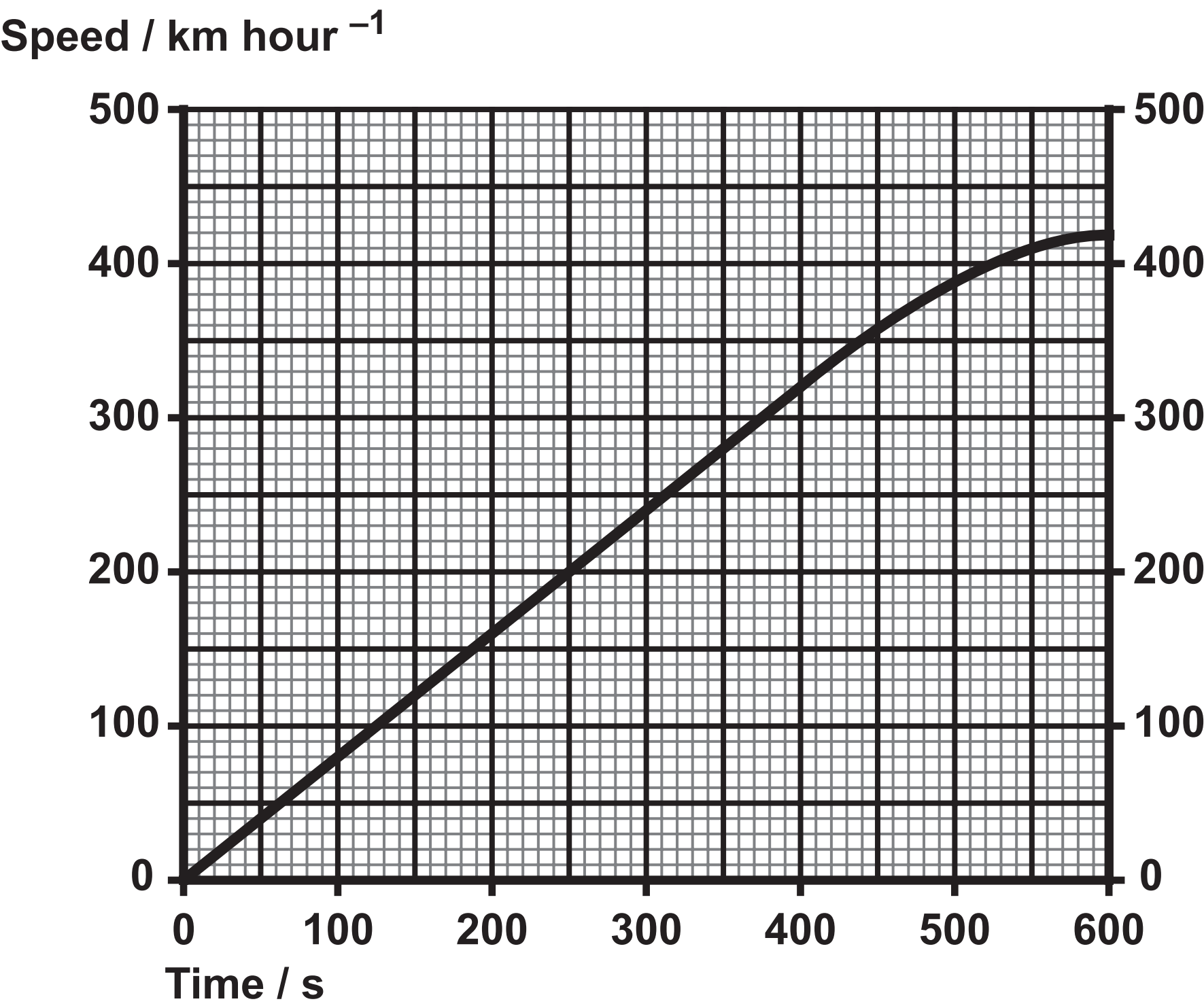


gold nucleus

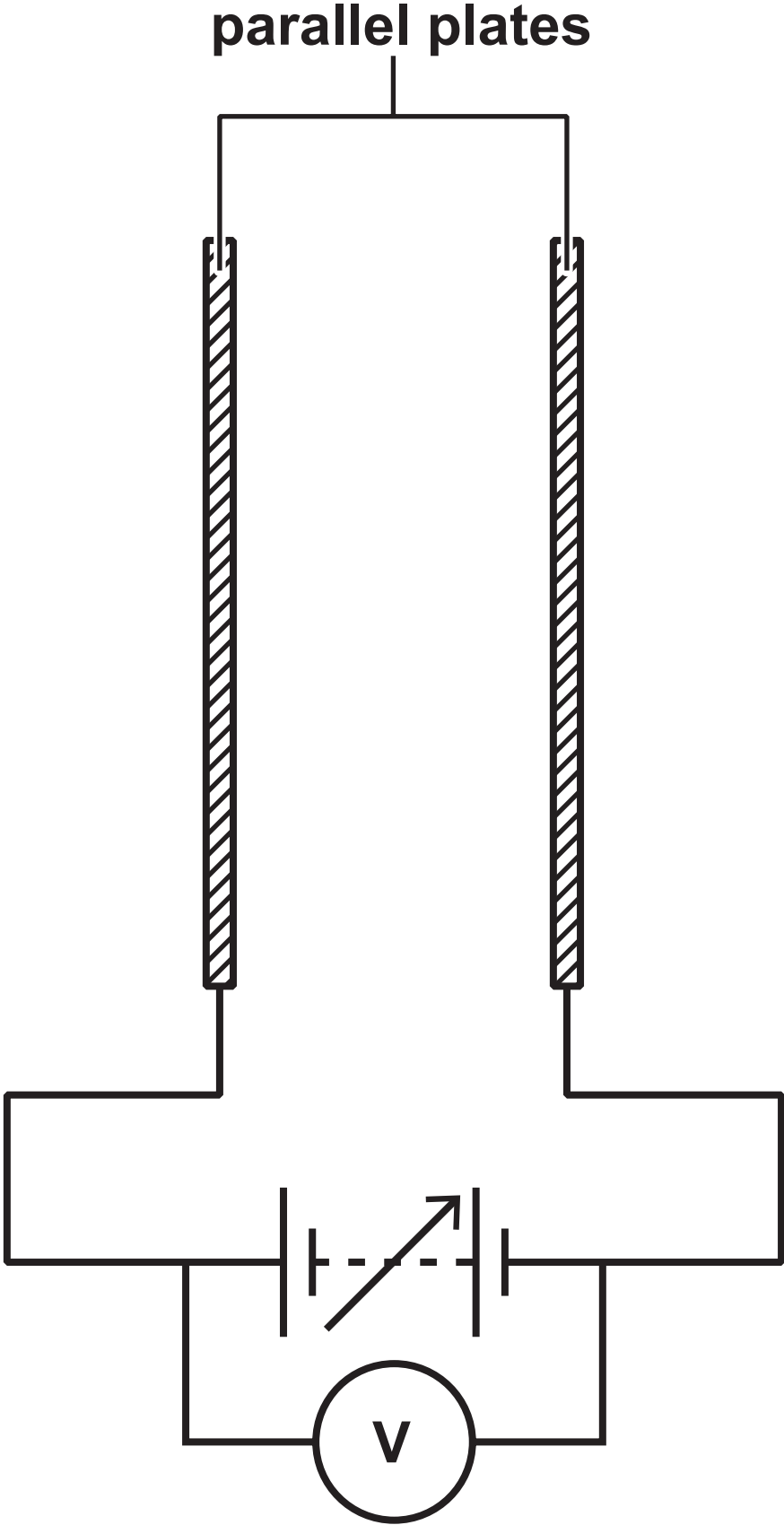




Question 18(b)



Question 15



Source information

Question 11

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