

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

Physics
PAPER 2
Higher Tier

Friday 14 June 2024 – Afternoon

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.

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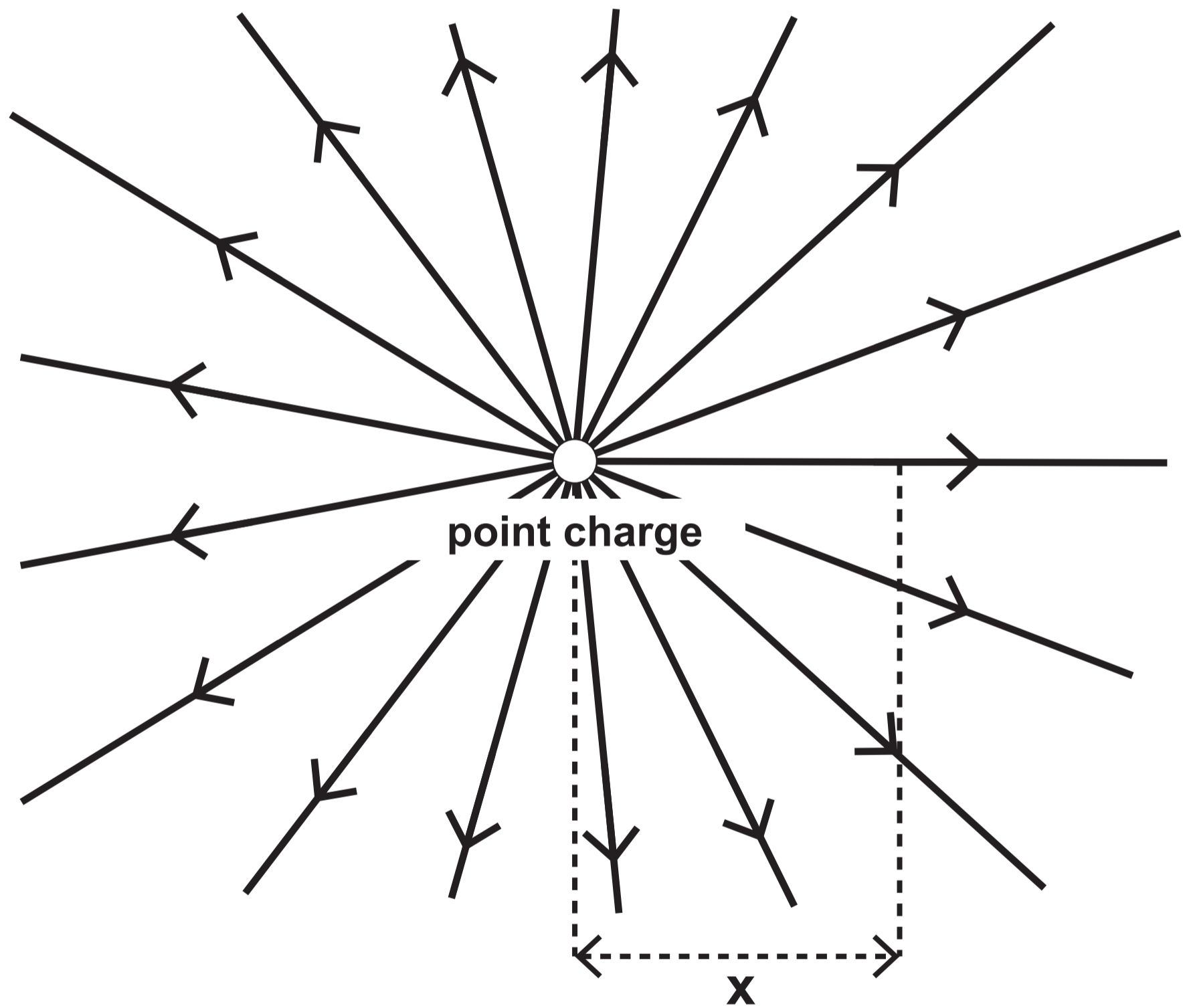
Question 1(a)

FIGURE 1



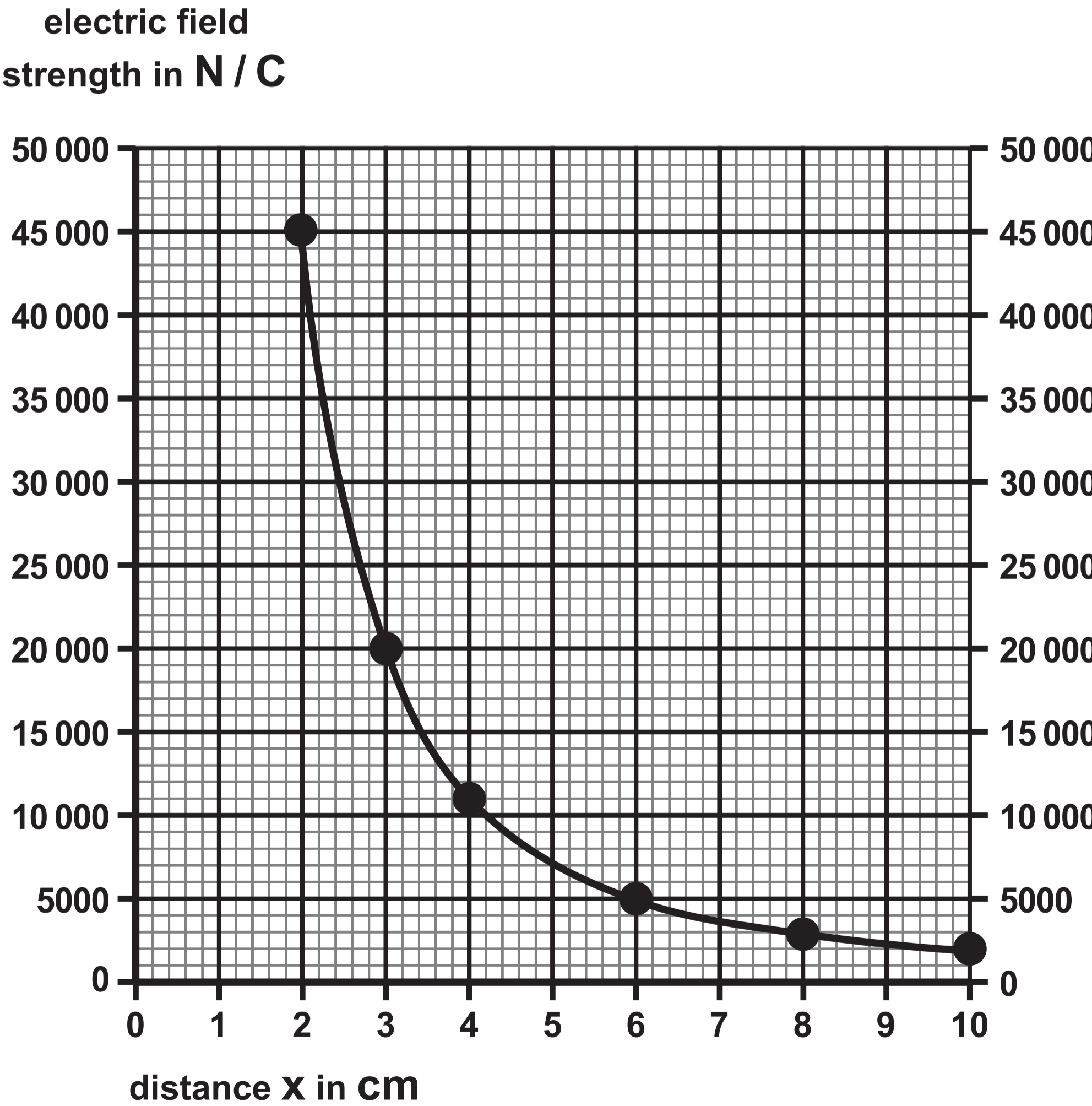
Question 1(c)

FIGURE 2



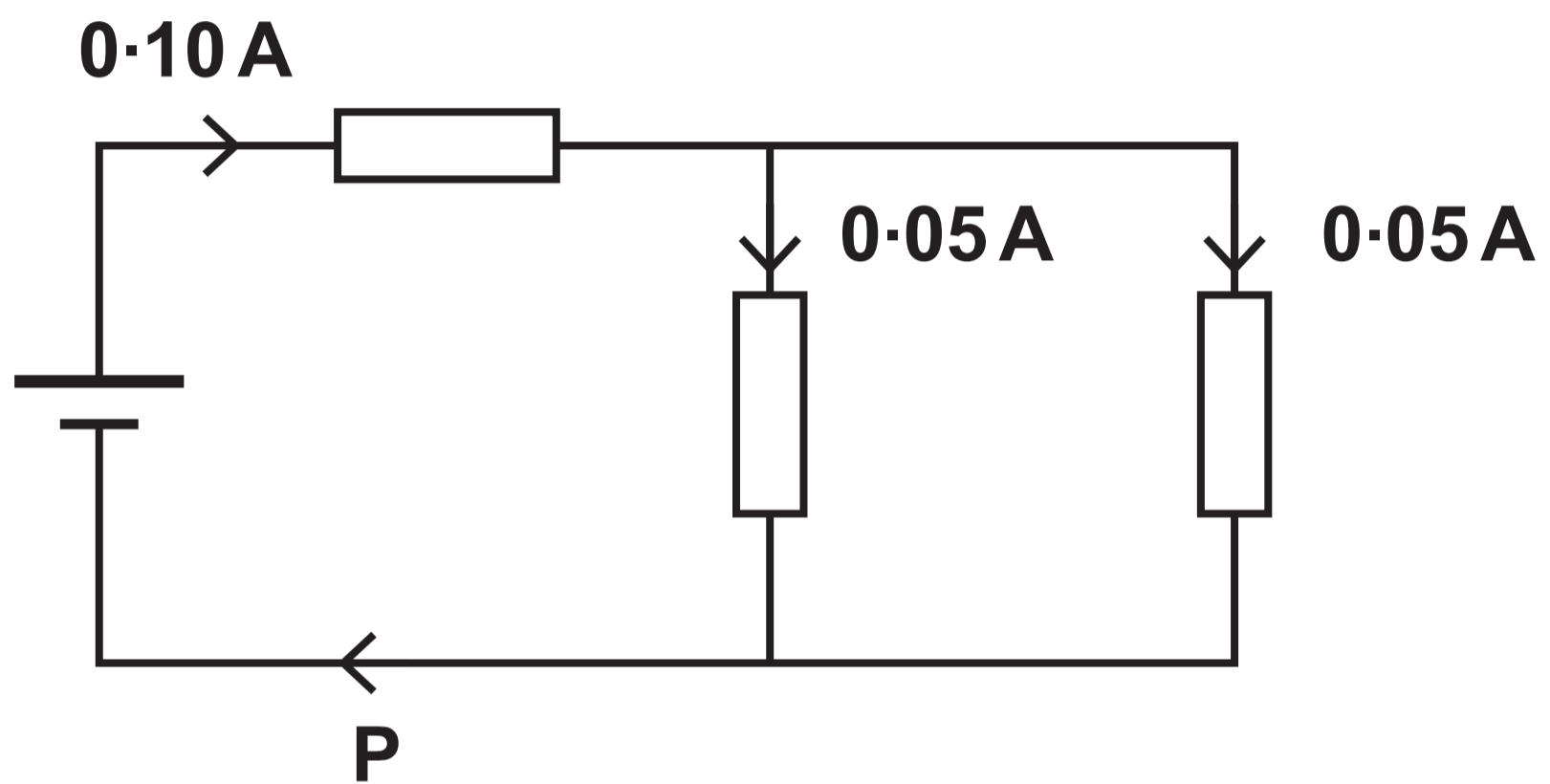
Question 1(c)(iii)

FIGURE 3



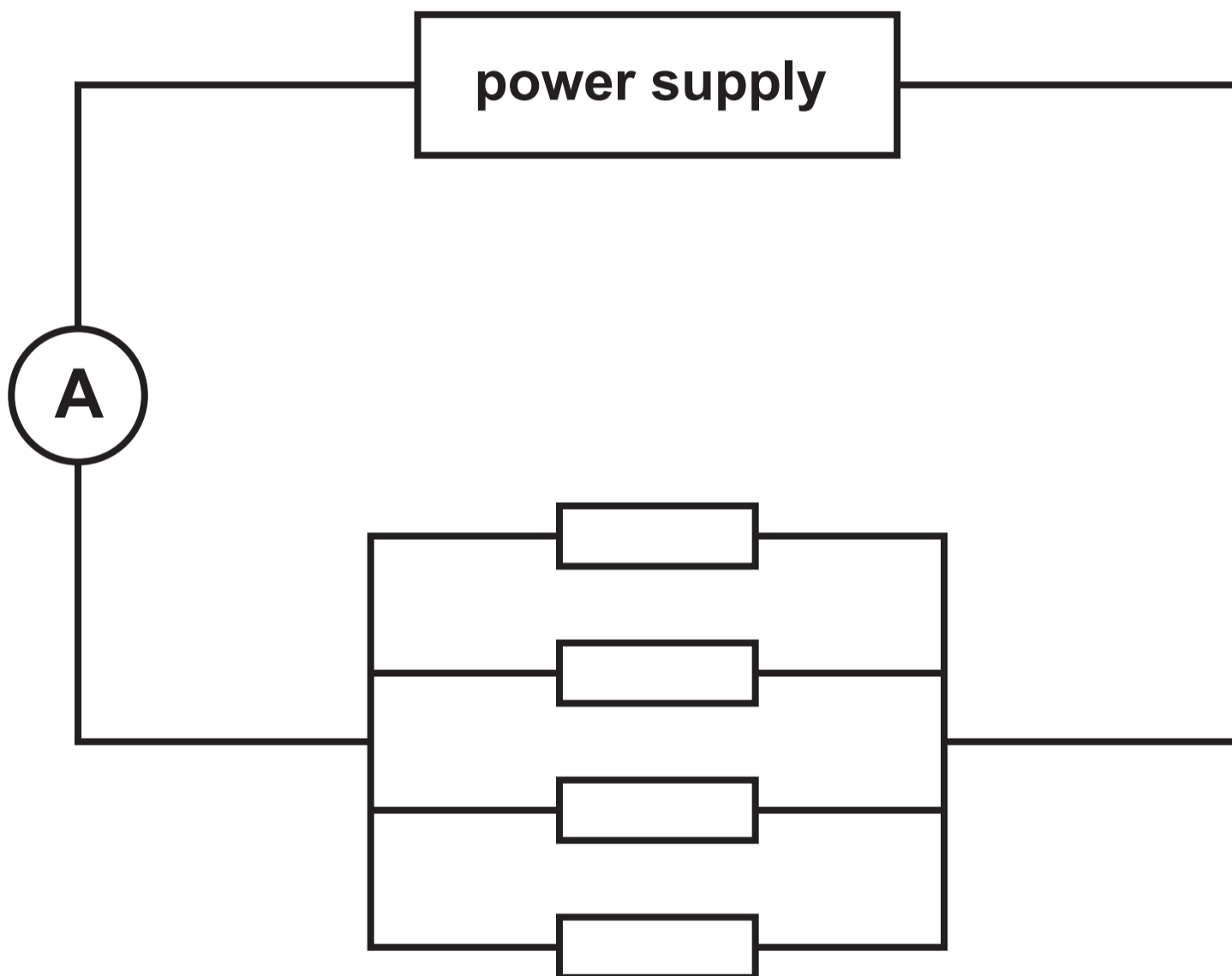
Question 2(a)

FIGURE 4



Question 2(b)

FIGURE 5



Question 2(b)

FIGURE 6

number of resistors	current in mA	voltage in V
4		6.00
3	27.3	6.00
2	18.2	6.00
1	9.1	6.00

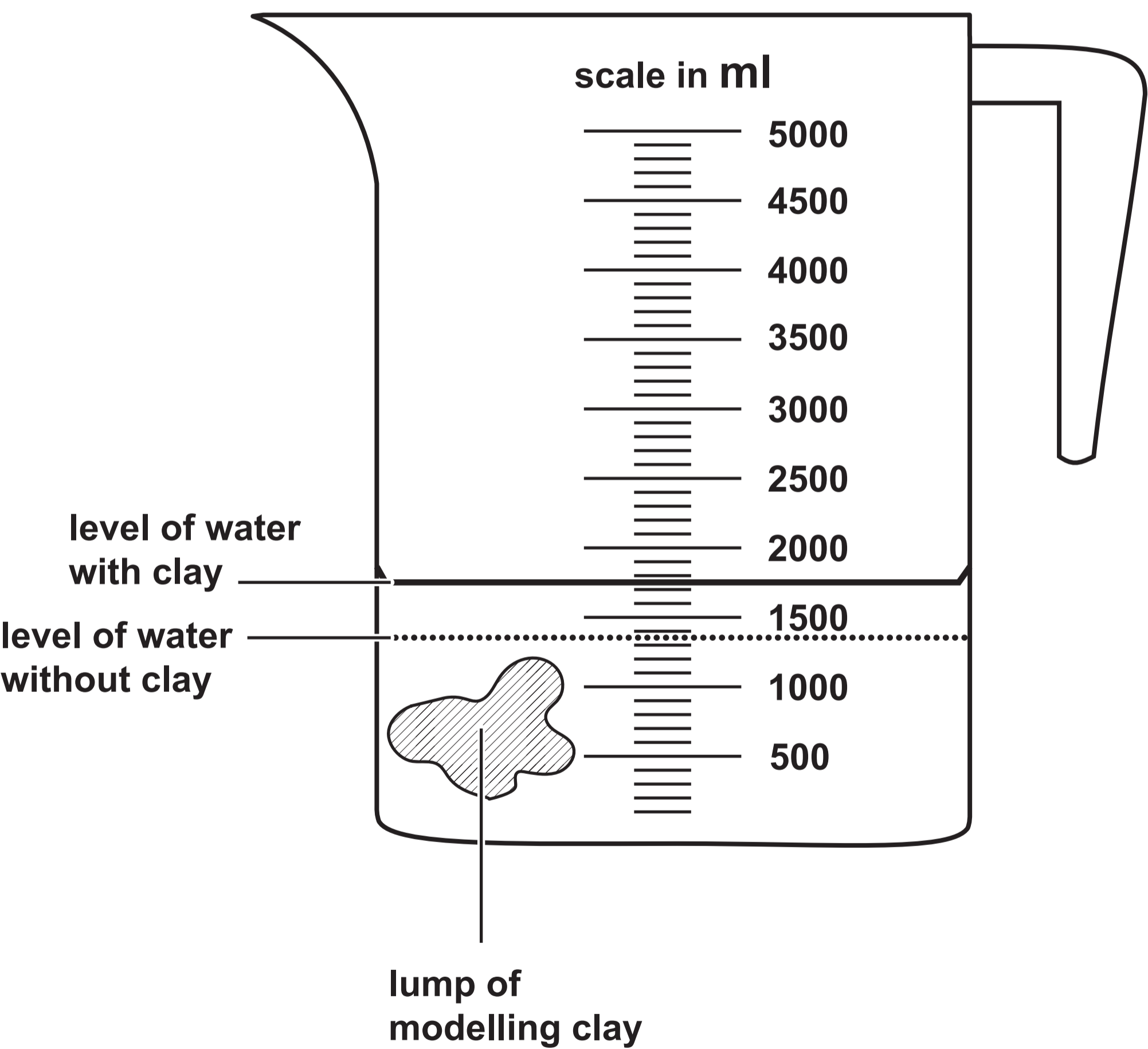
Question 3(b)

FIGURE 7

	density in g/cm ³
solid aluminium	2·70
liquid aluminium	2·38

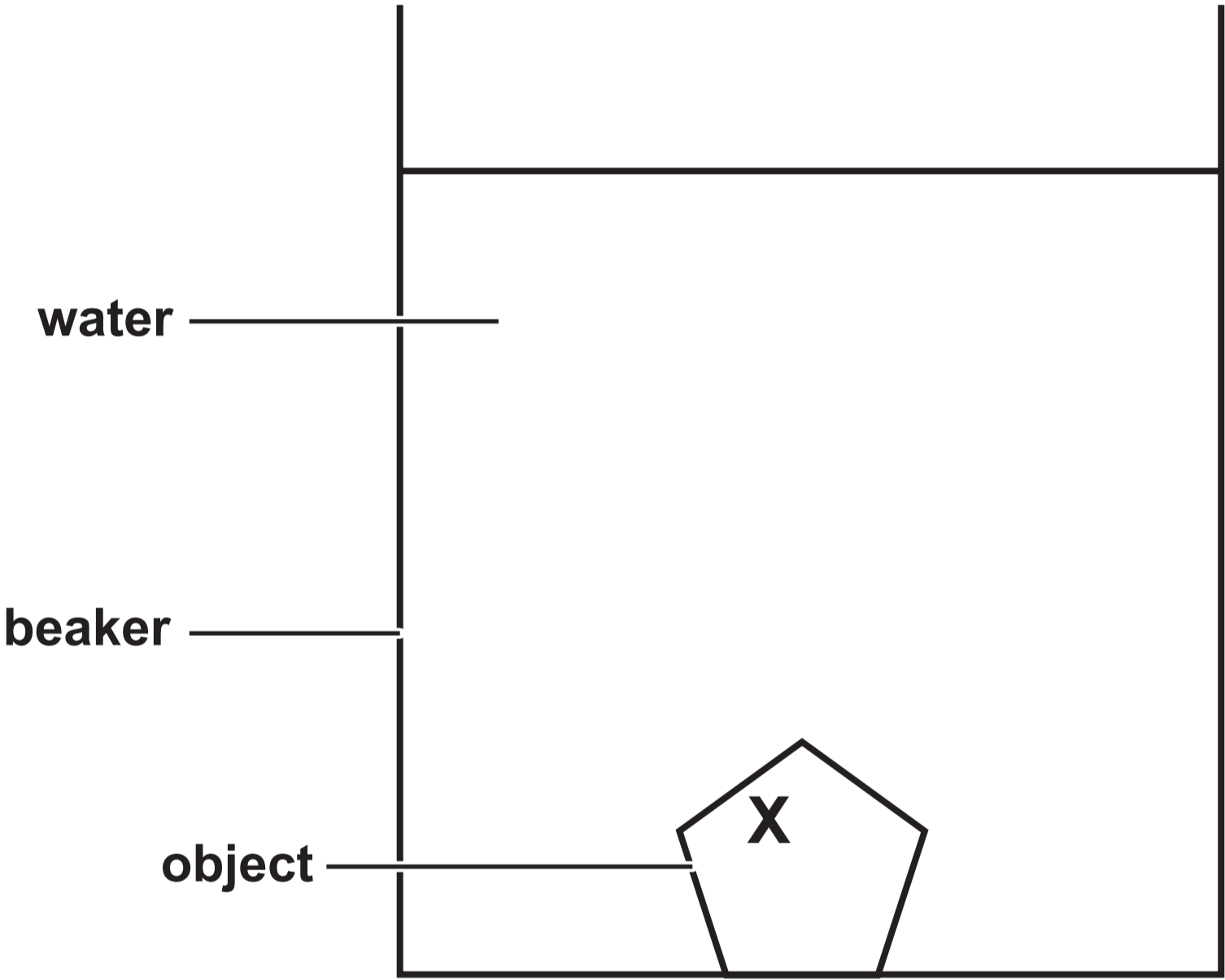
Question 3(d)

FIGURE 8



Question 4(a)

FIGURE 9



(continued on the next page)

Question 4(a) continued.

diagram A

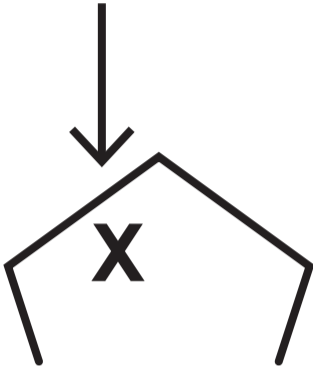


diagram B

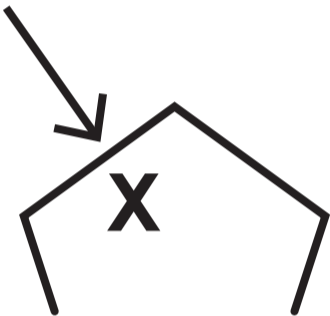
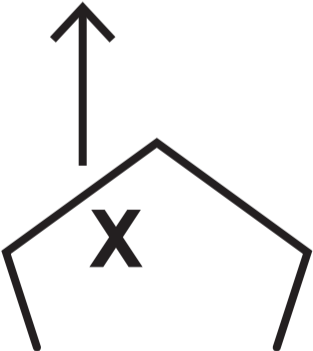


diagram C

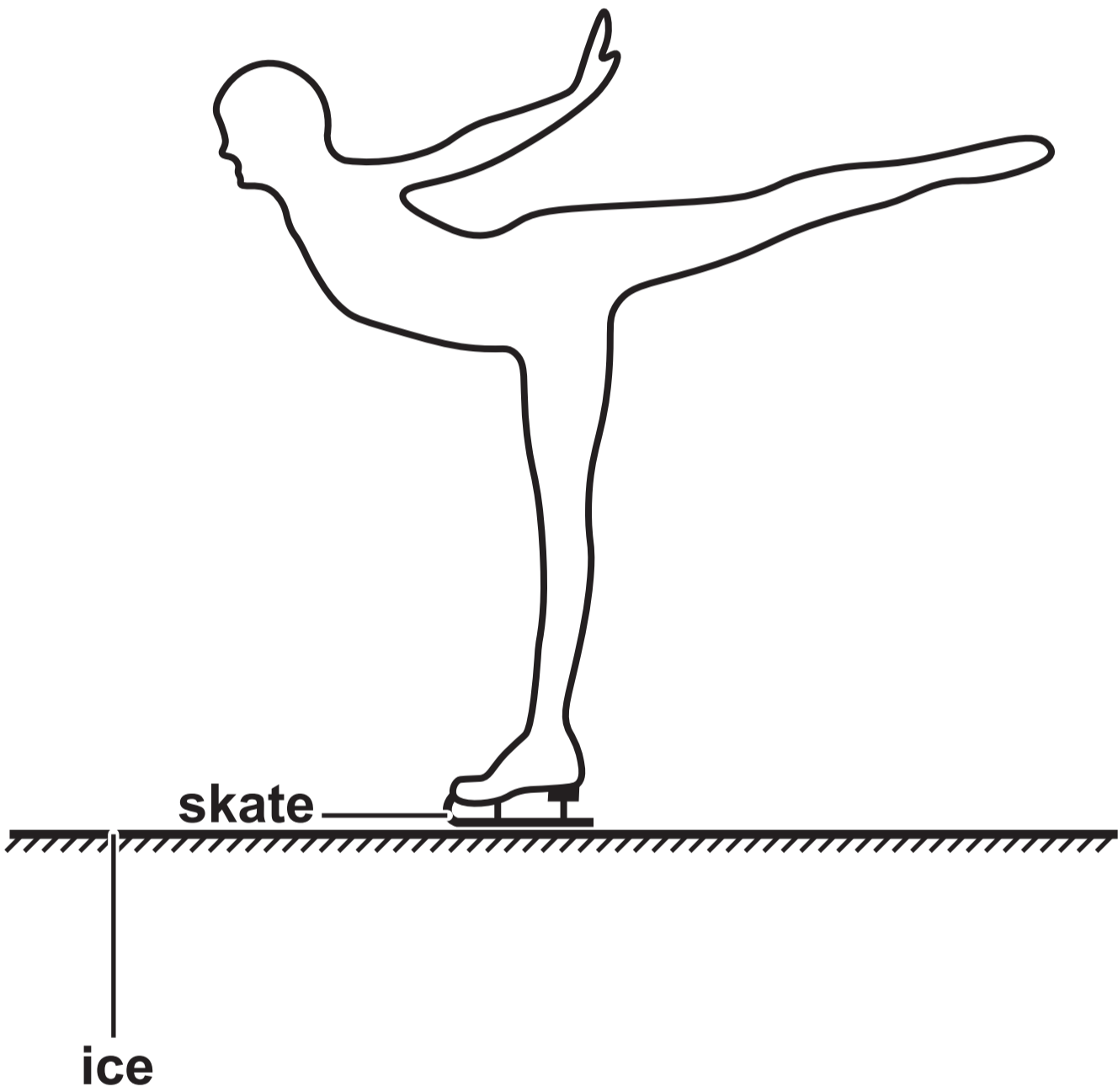


diagram D



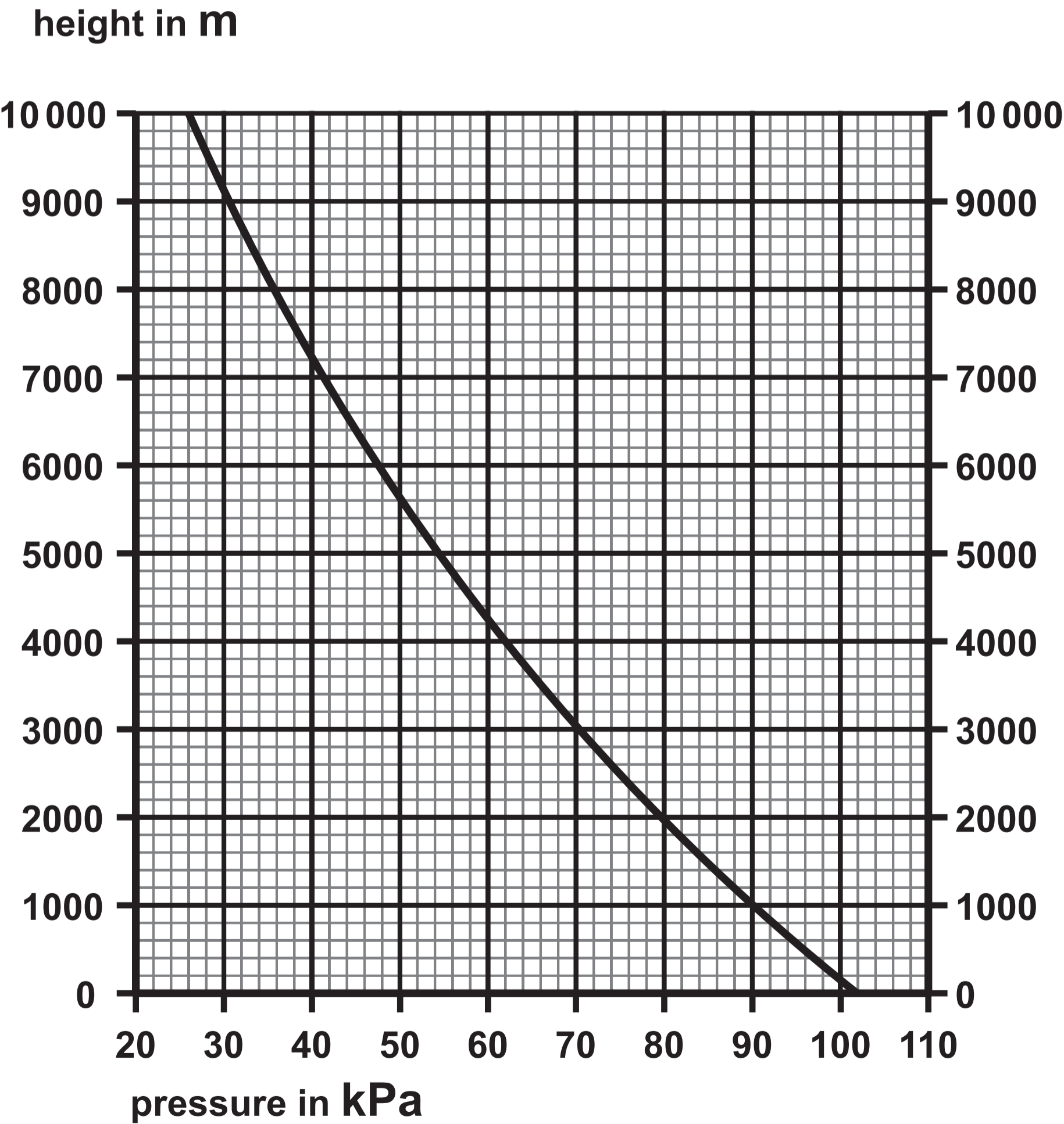
Question 4(b)

FIGURE 10



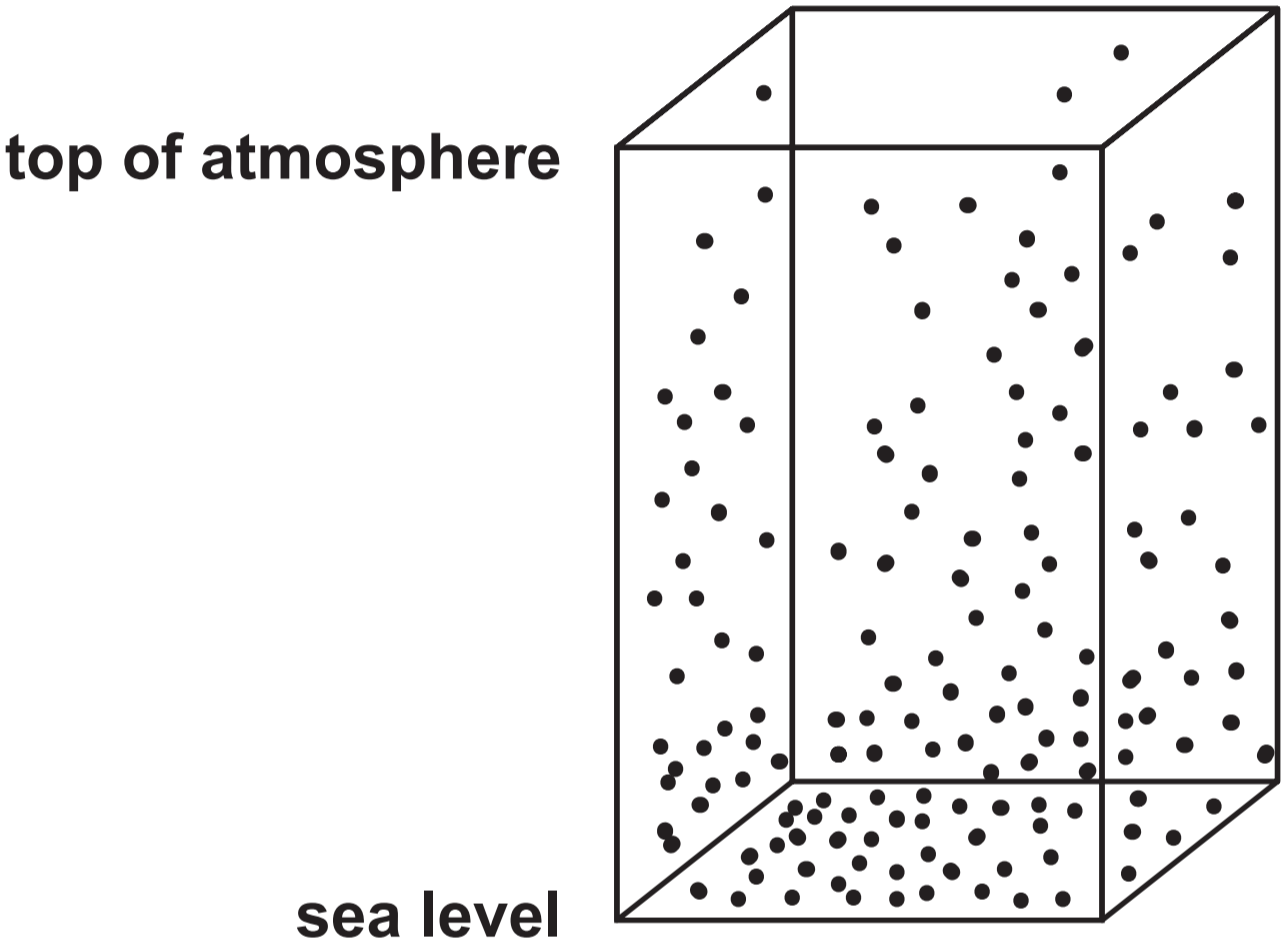
Question 4(c)

FIGURE 11



Question 4(d)

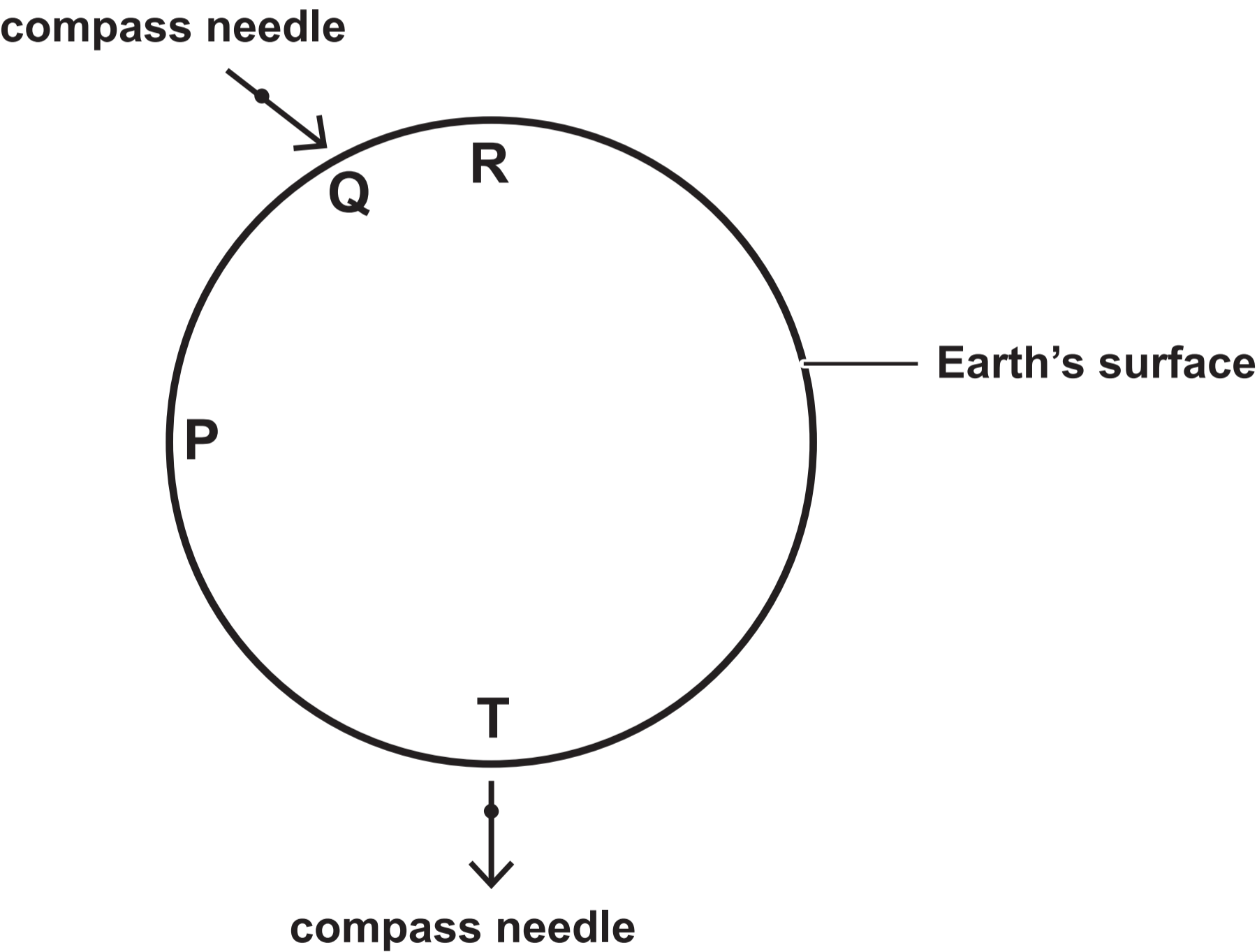
FIGURE 12



Question 5(a)

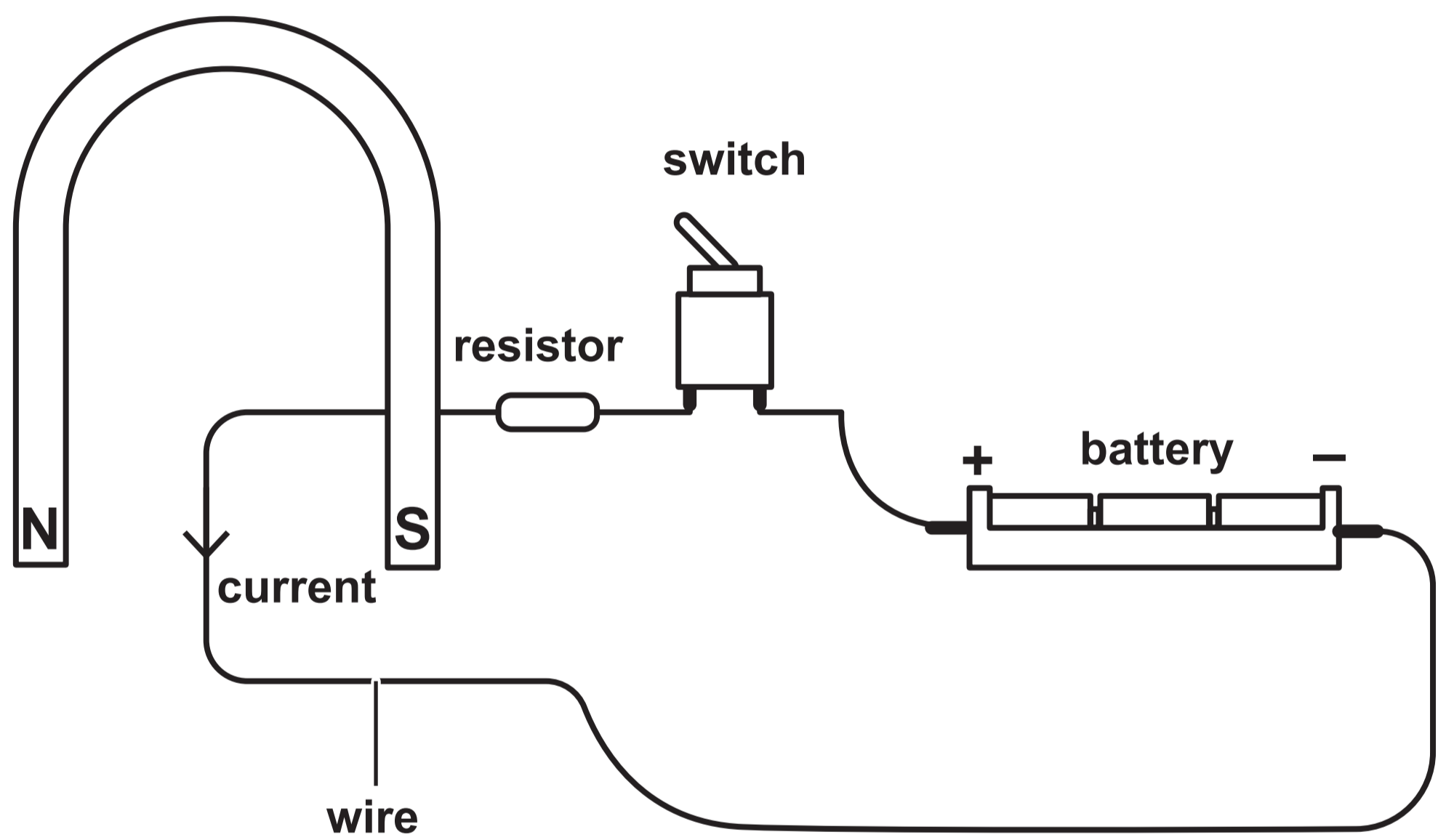
FIGURE 13

not to scale



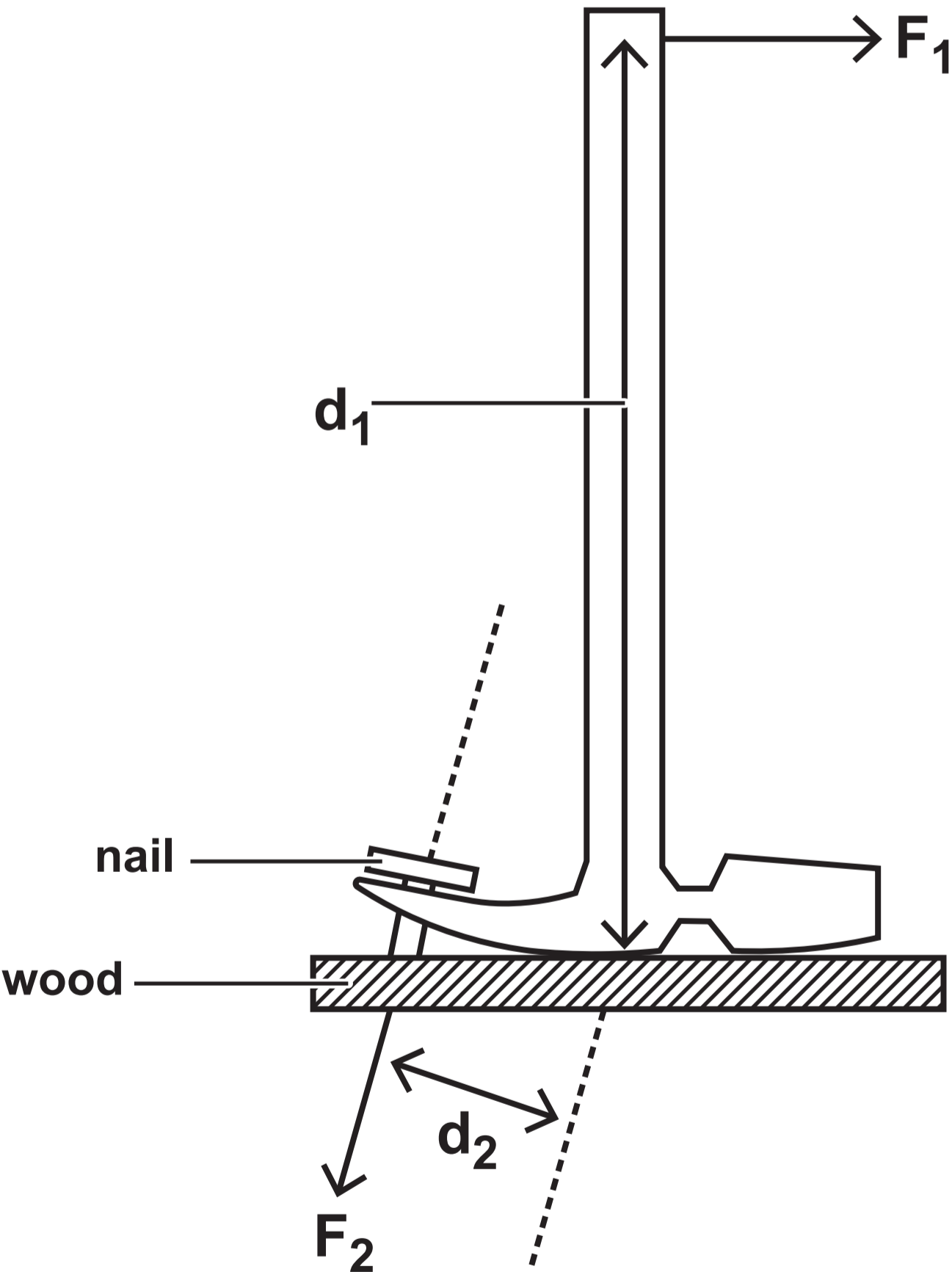
Question 5(b)

FIGURE 14



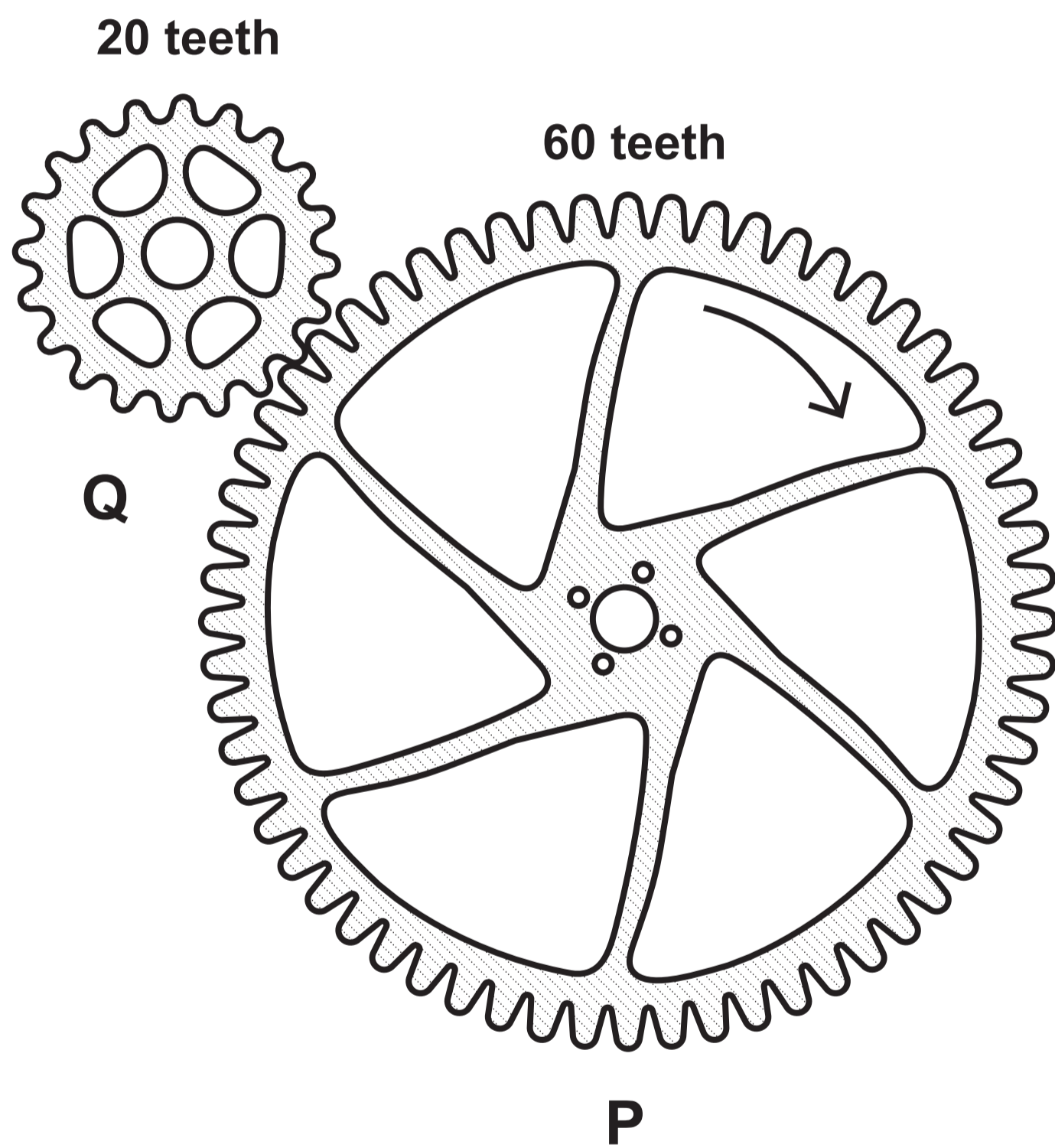
Question 6(b)

FIGURE 15



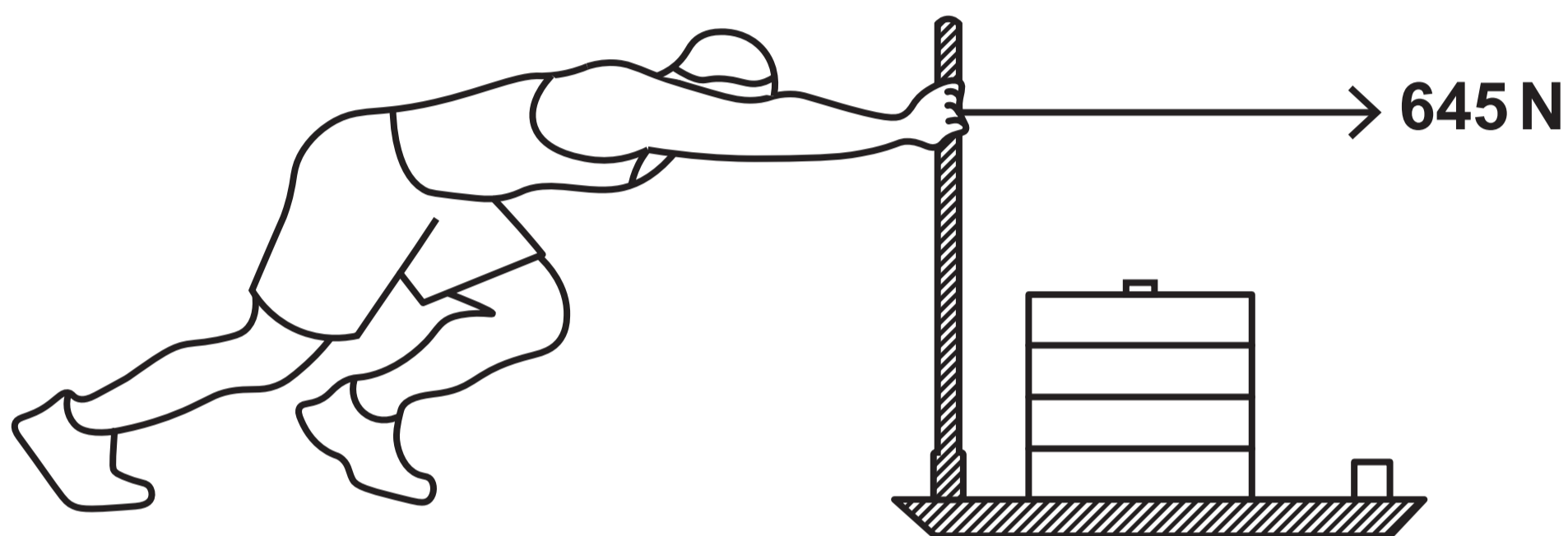
Question 6(c)

FIGURE 16



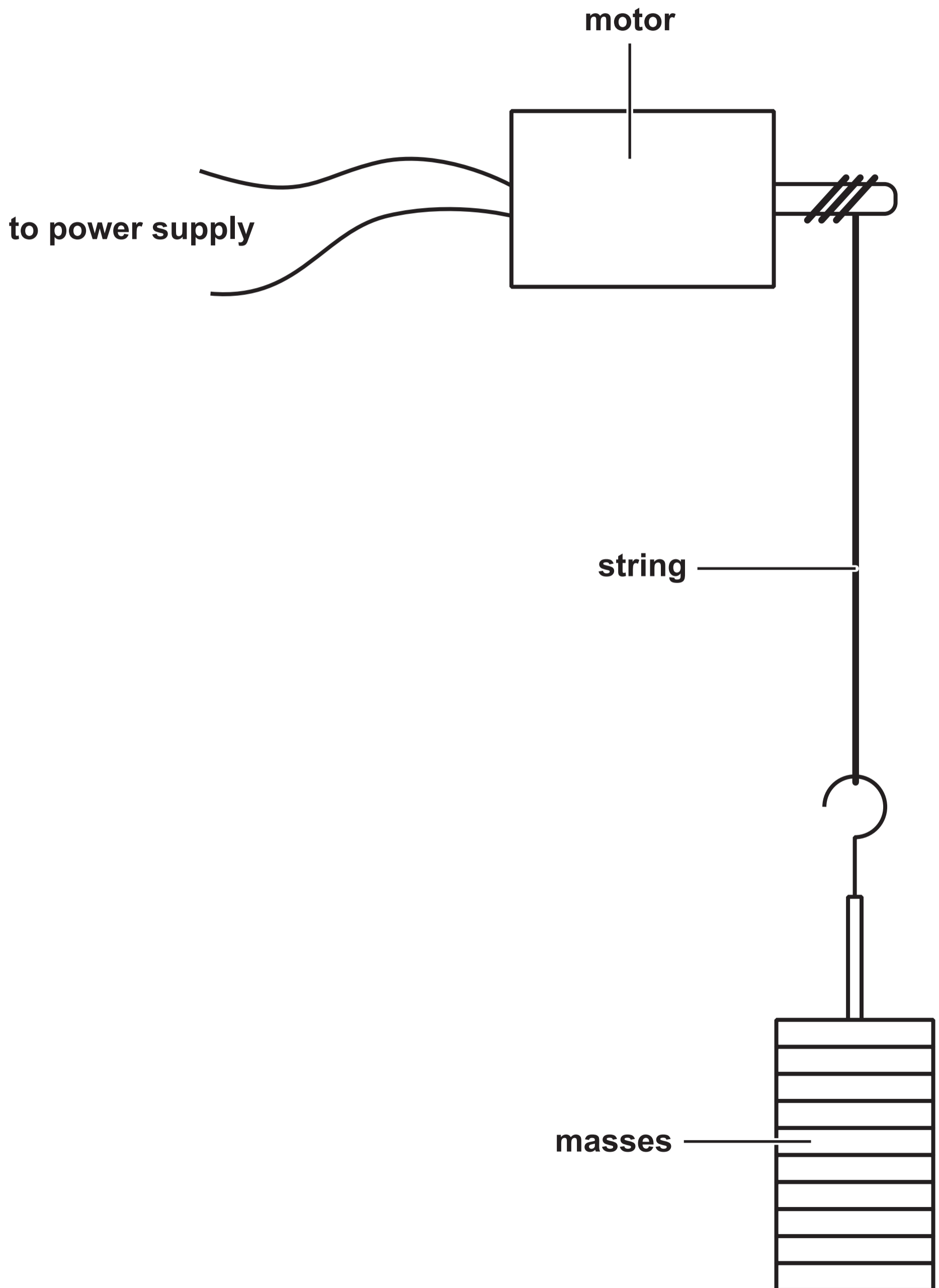
Question 7(a)

FIGURE 17



Question 7(b)

FIGURE 18



Question 8(a)

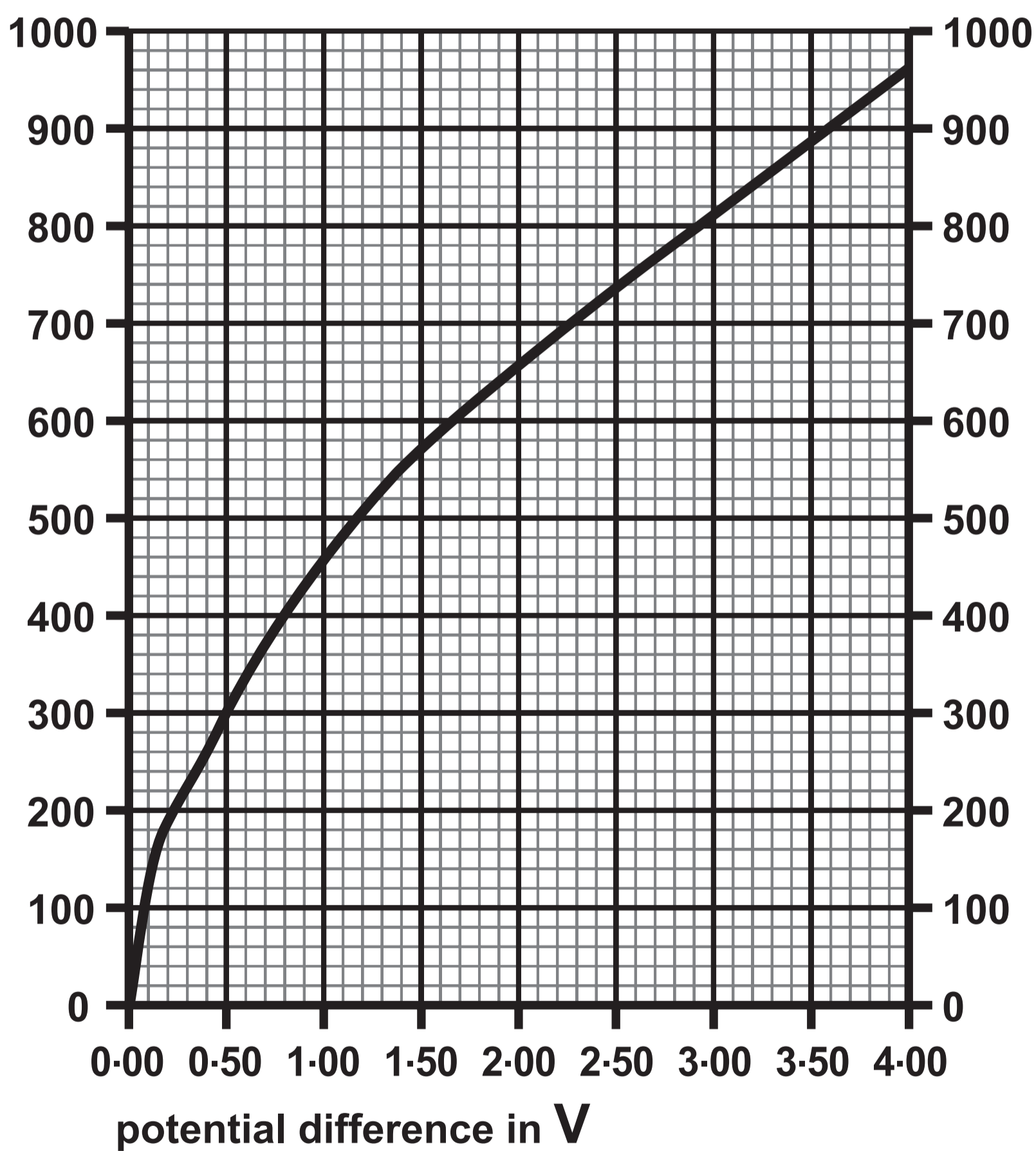
FIGURE 19

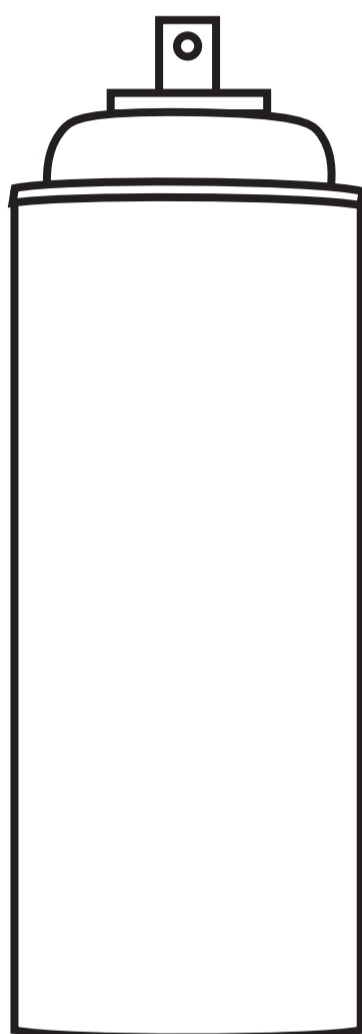


Question 8(b)

FIGURE 20

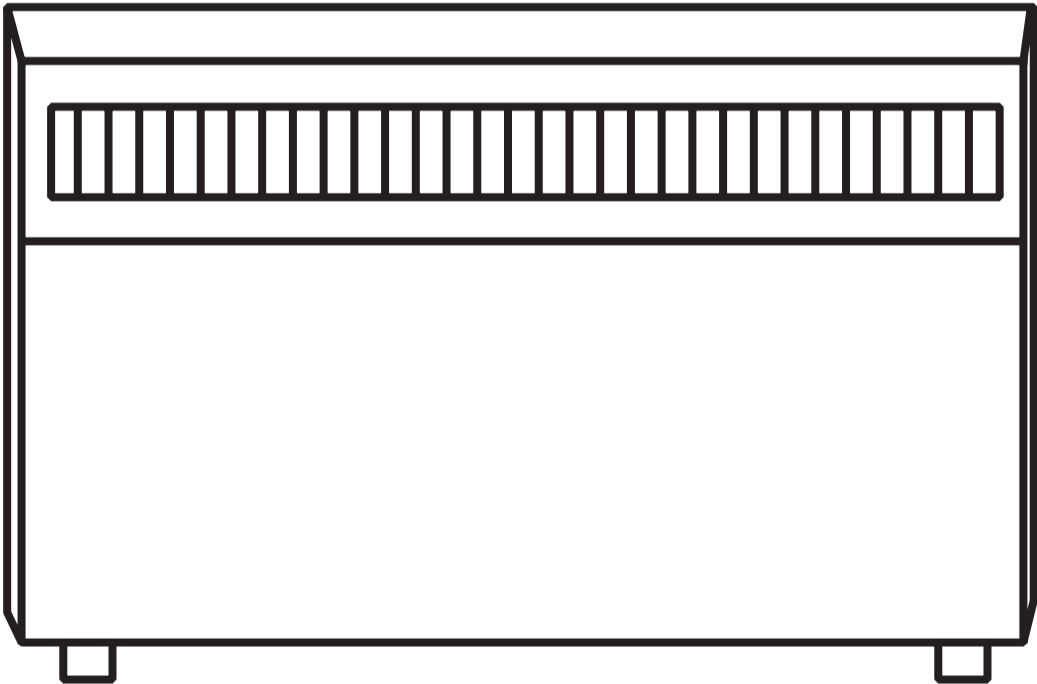
current in mA



Question 9(b)**FIGURE 21**

Question 9(c)

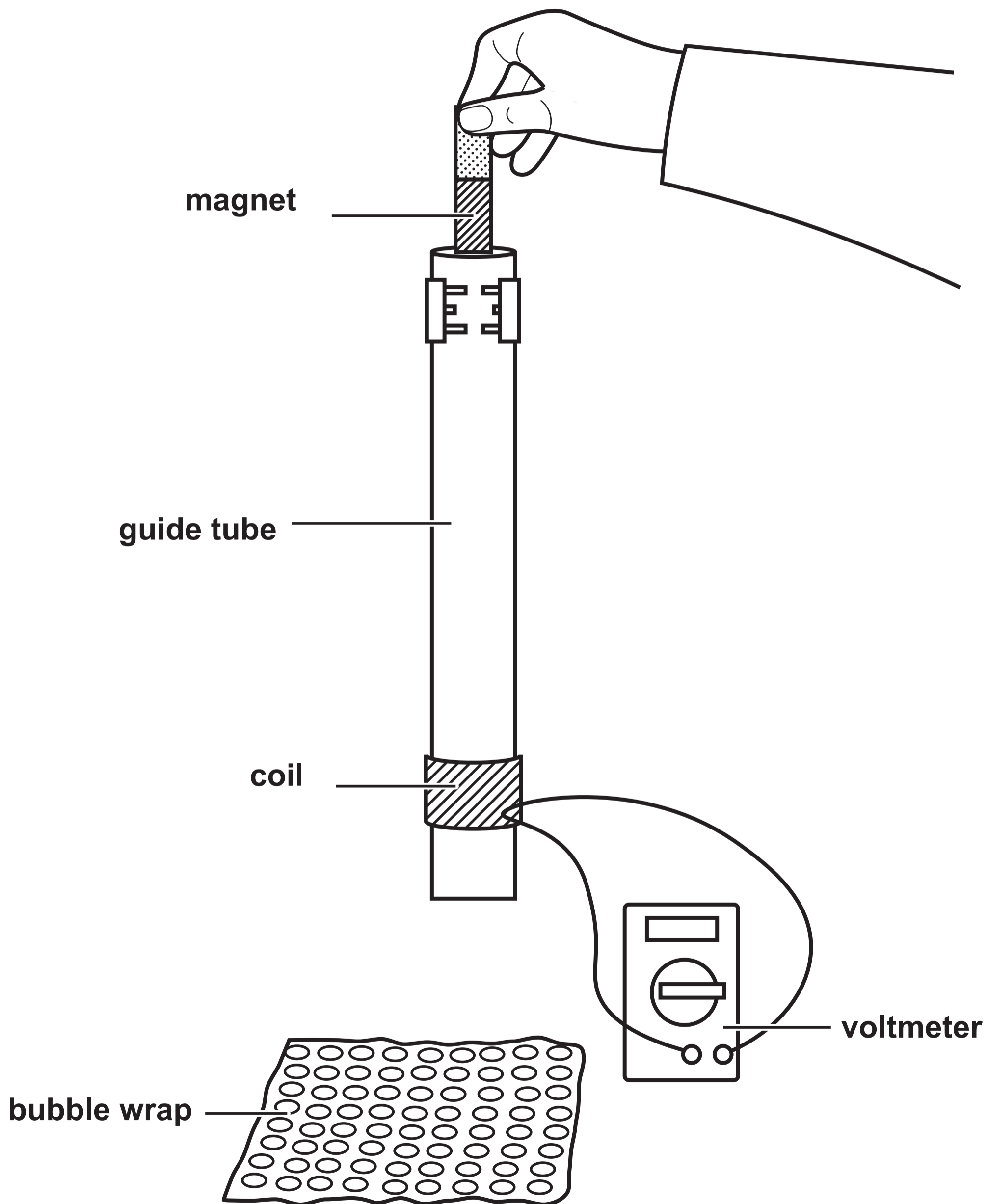
FIGURE 22



Question 9(d) – Blank

Question 10(a)

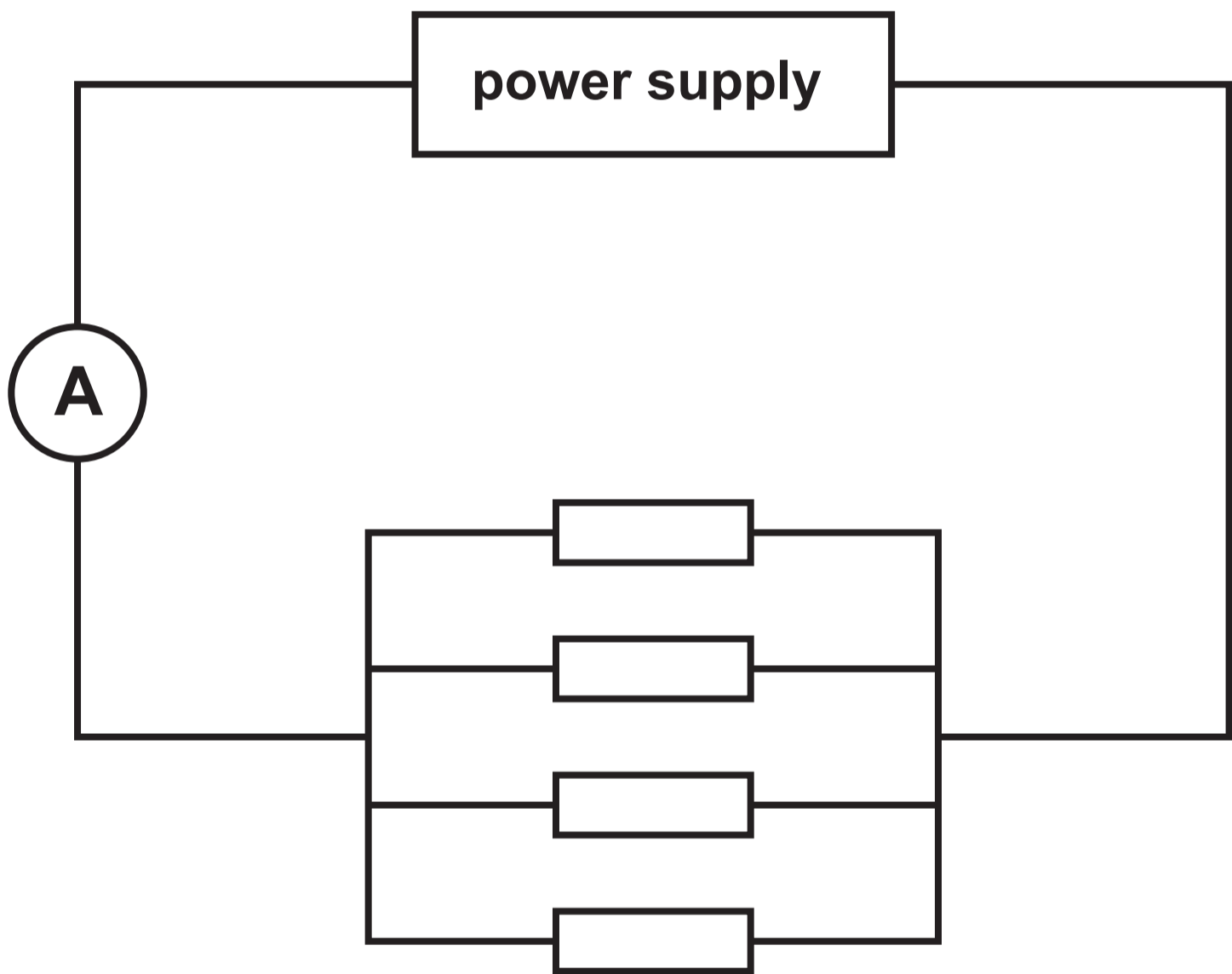
FIGURE 23



Question 10(b) – Blank

Question 2(b)

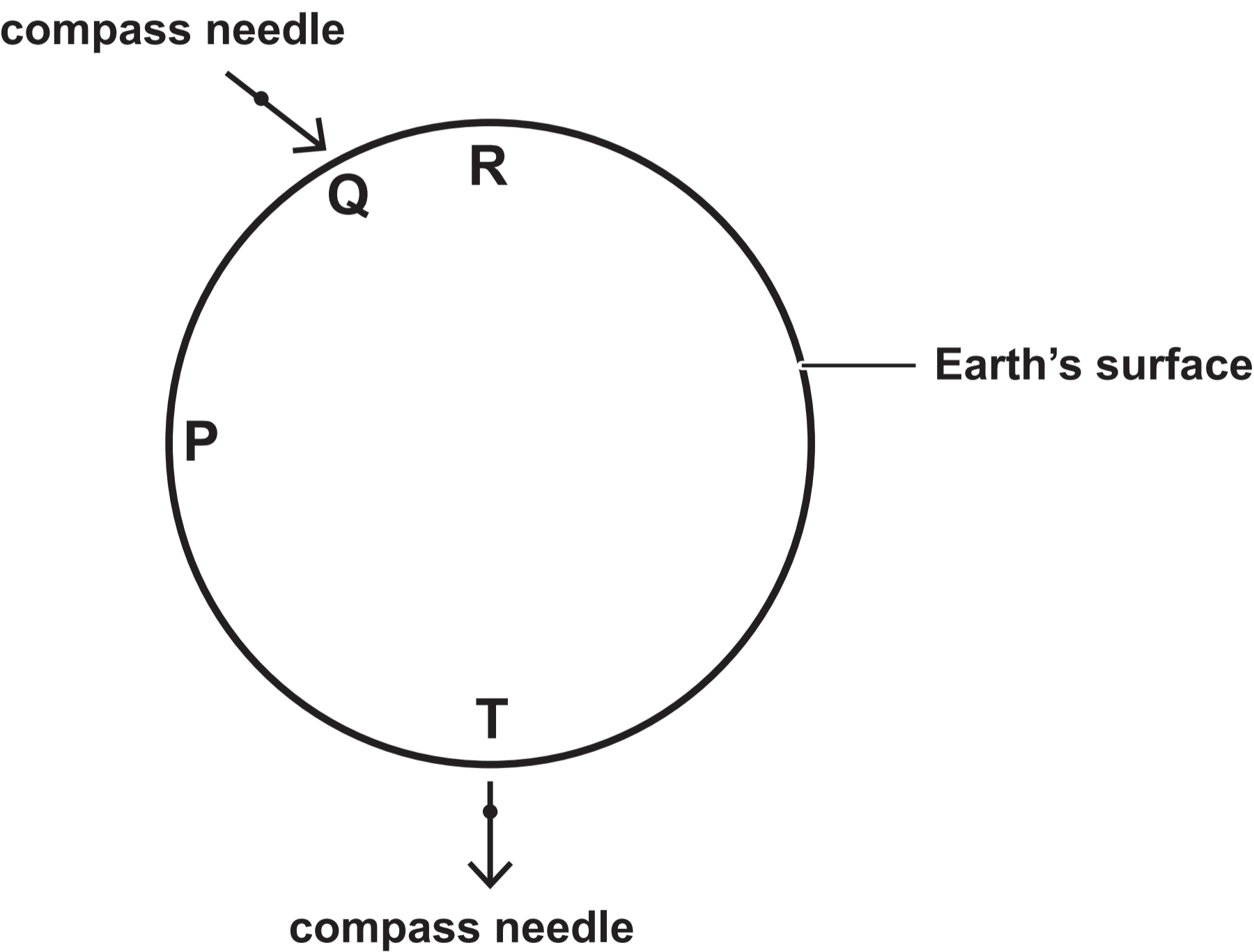
FIGURE 5



Question 5(a)

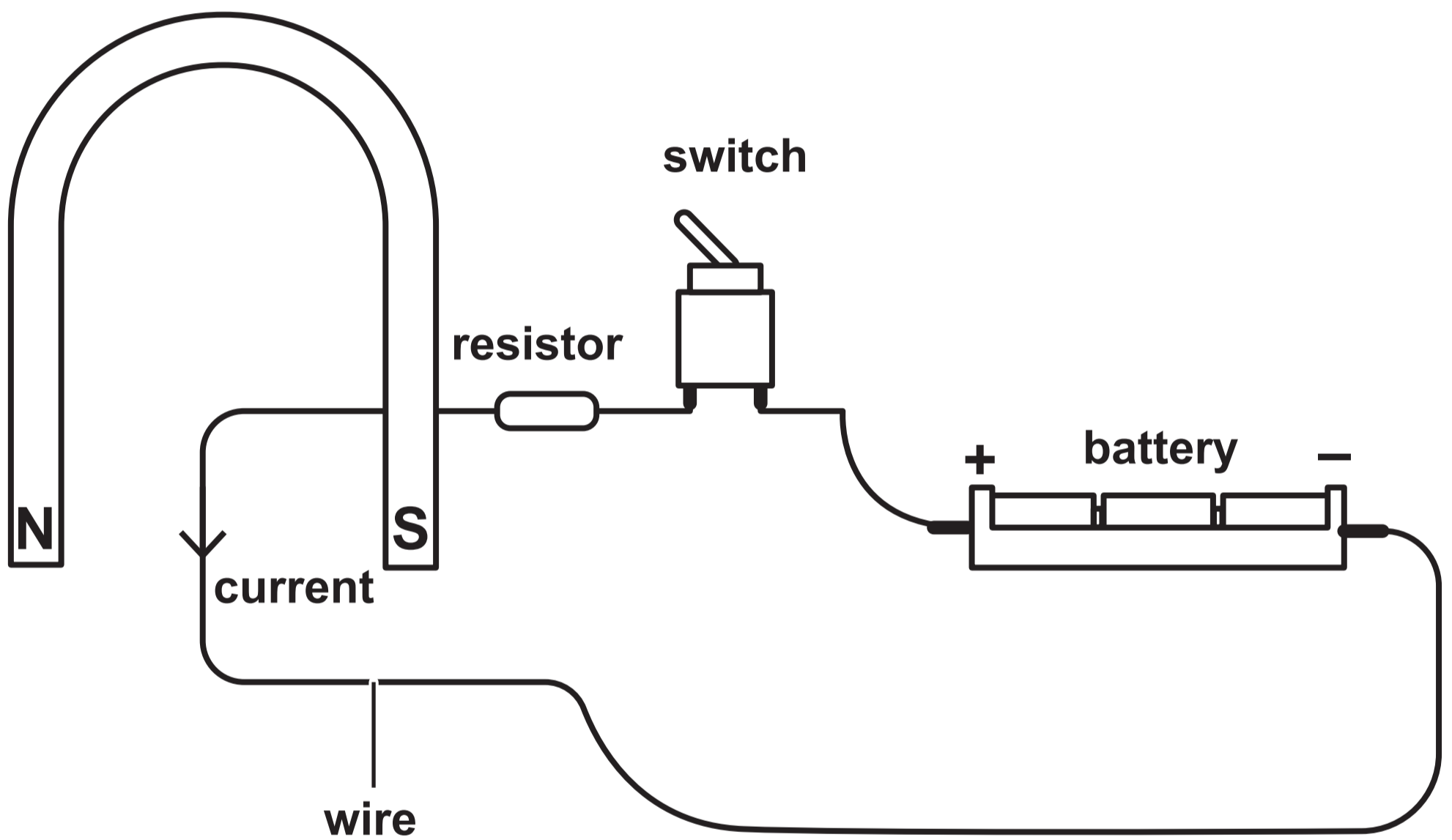
FIGURE 13

not to scale



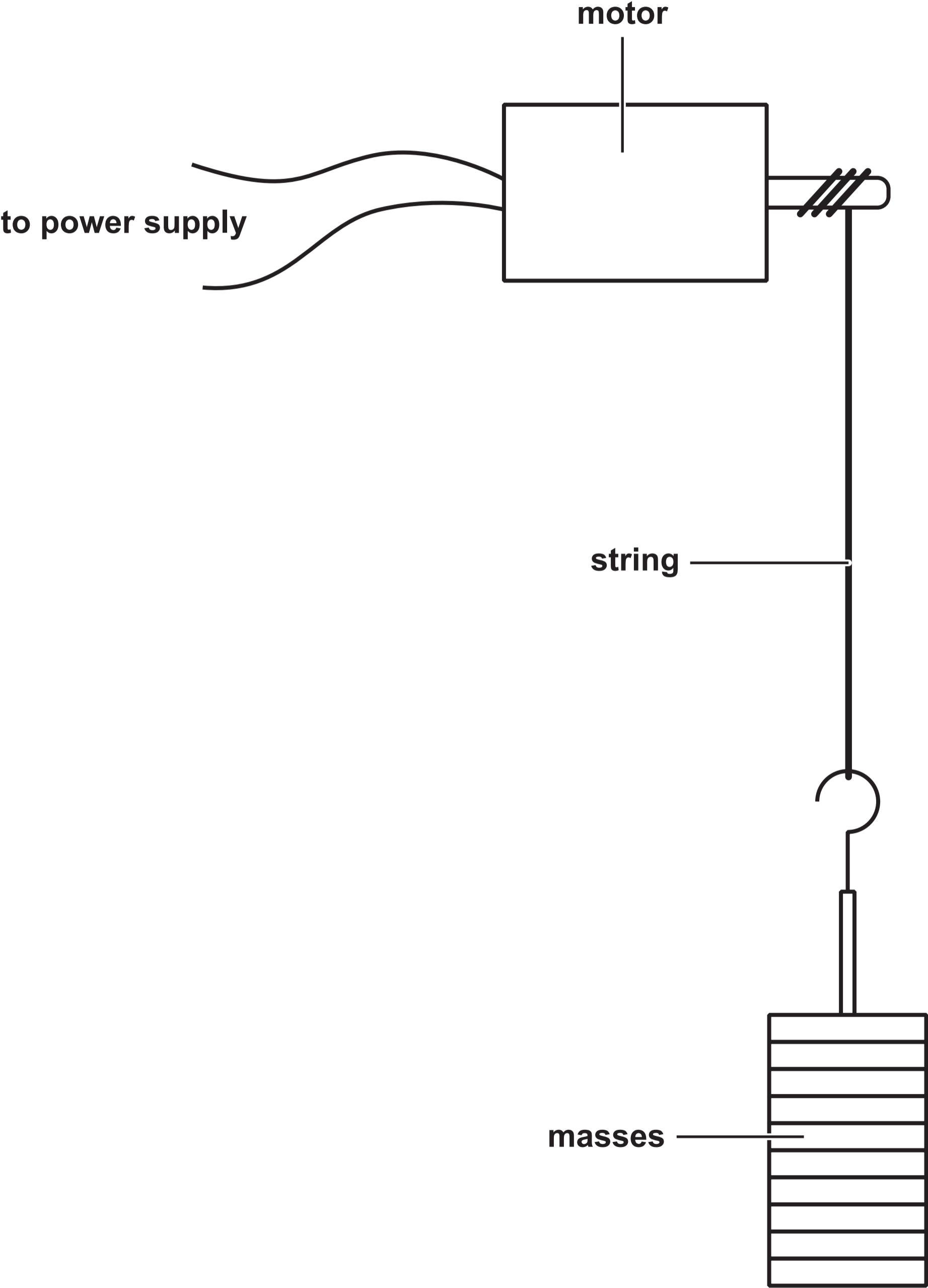
Question 5(b)

FIGURE 14



Question 7(b)

FIGURE 18



Question 8(a)

FIGURE 19



Question 9(d) – Blank

Question 10(b) – Blank