

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

Physics
PAPER 2
Foundation 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.

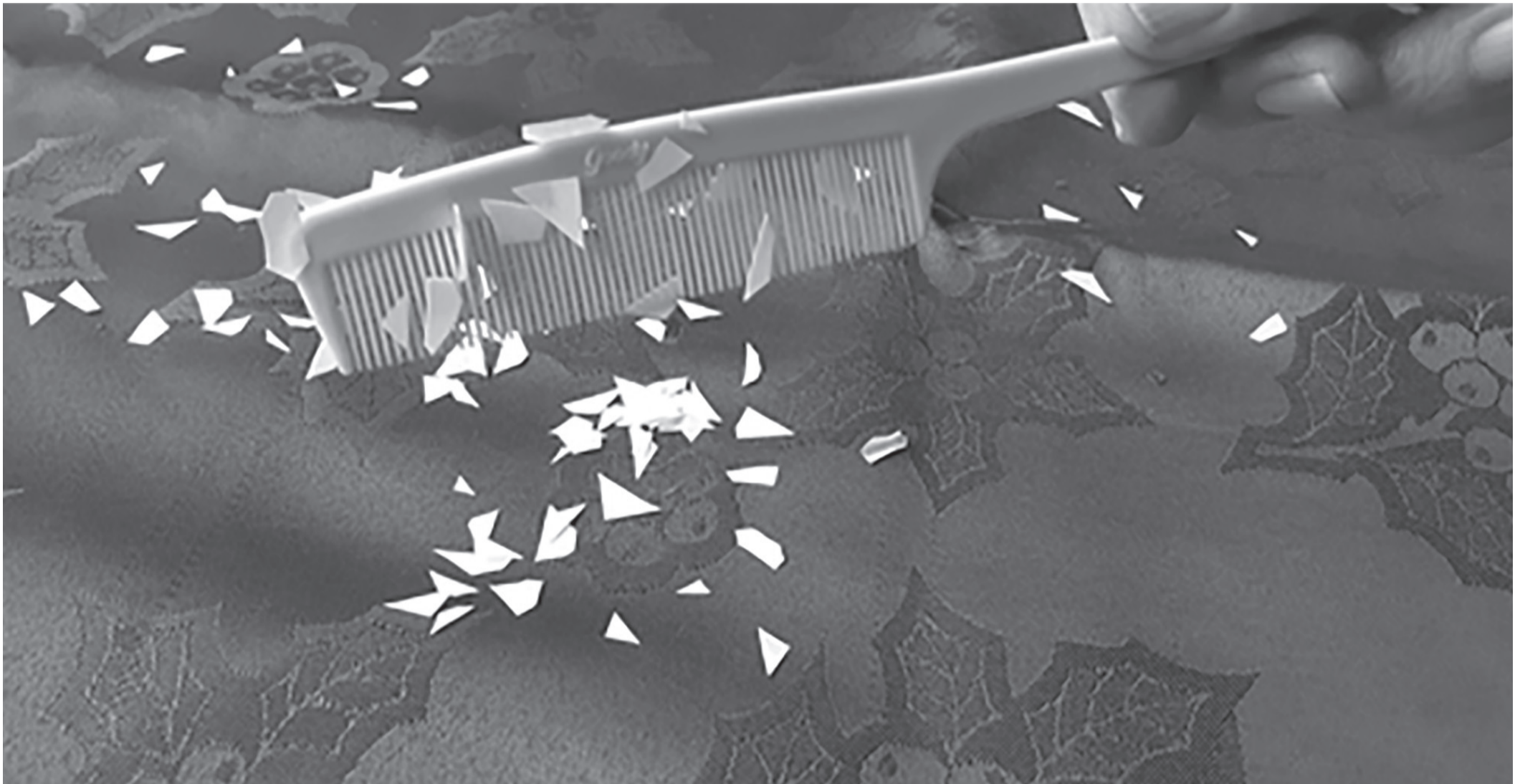
THIS DIAGRAM BOOKLET **MUST BE RETURNED WITH THE
QUESTION PAPER AT THE END OF THE EXAMINATION.**

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Question 1(a)**FIGURE 1**

A plastic comb picking up small pieces of paper from a piece of fabric.



Question 1(b)**FIGURE 2**

A young woman touching a charged dome. Her hair is standing on end.



charged dome

Question 1(c)

**electrostatic
charges in action**

charging a
plastic comb ●

electrostatic
paint spraying ●

safe fuelling of cars
by earthing ●

lightning ●

description

small droplets are
● charged so they will
stick to an object

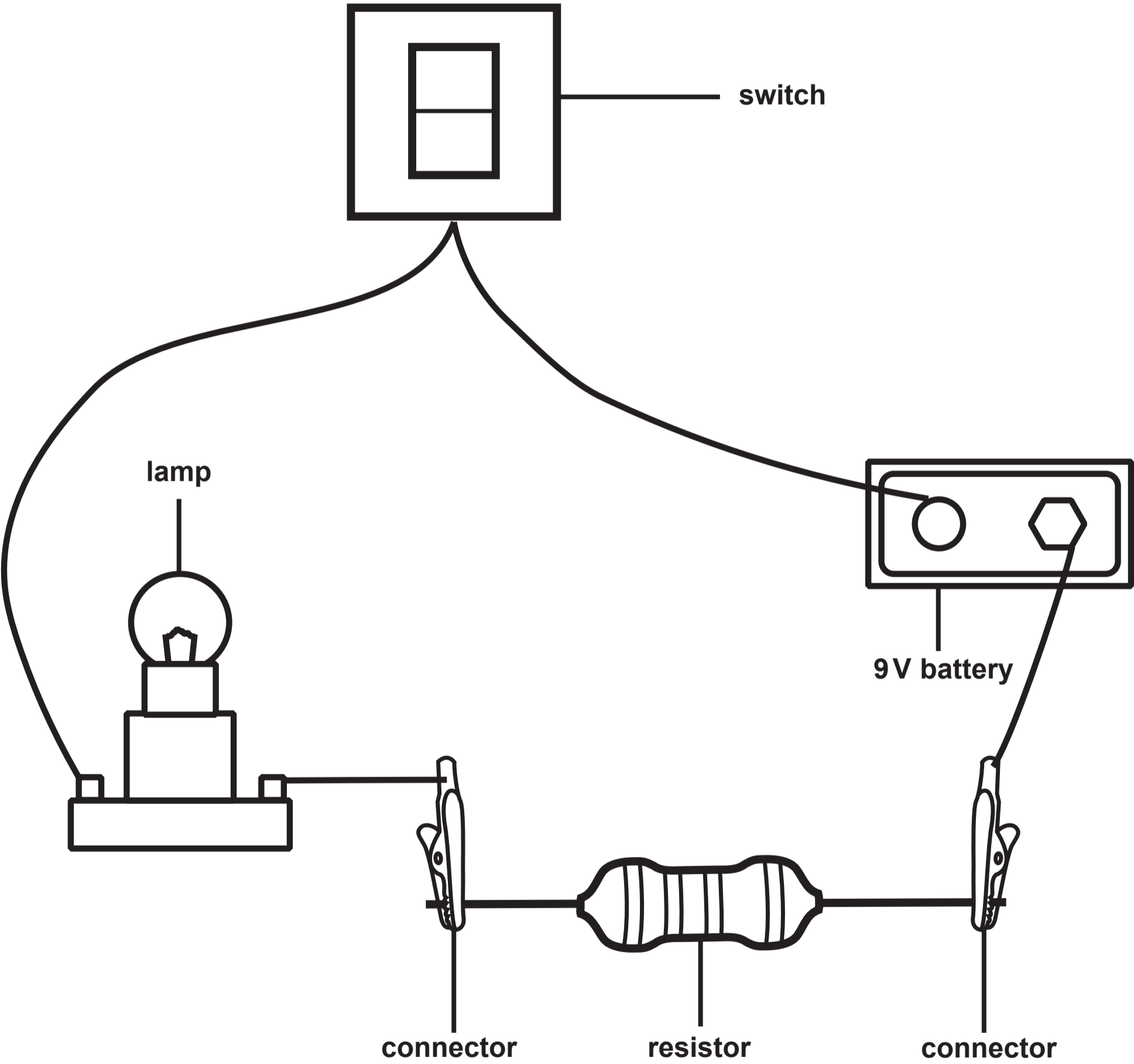
build-up of charge
● in a cloud causes a
discharge to Earth

prevents a dangerous
build-up of charge
● between a flowing
liquid and a pipe

produced by
● friction between
solid surfaces

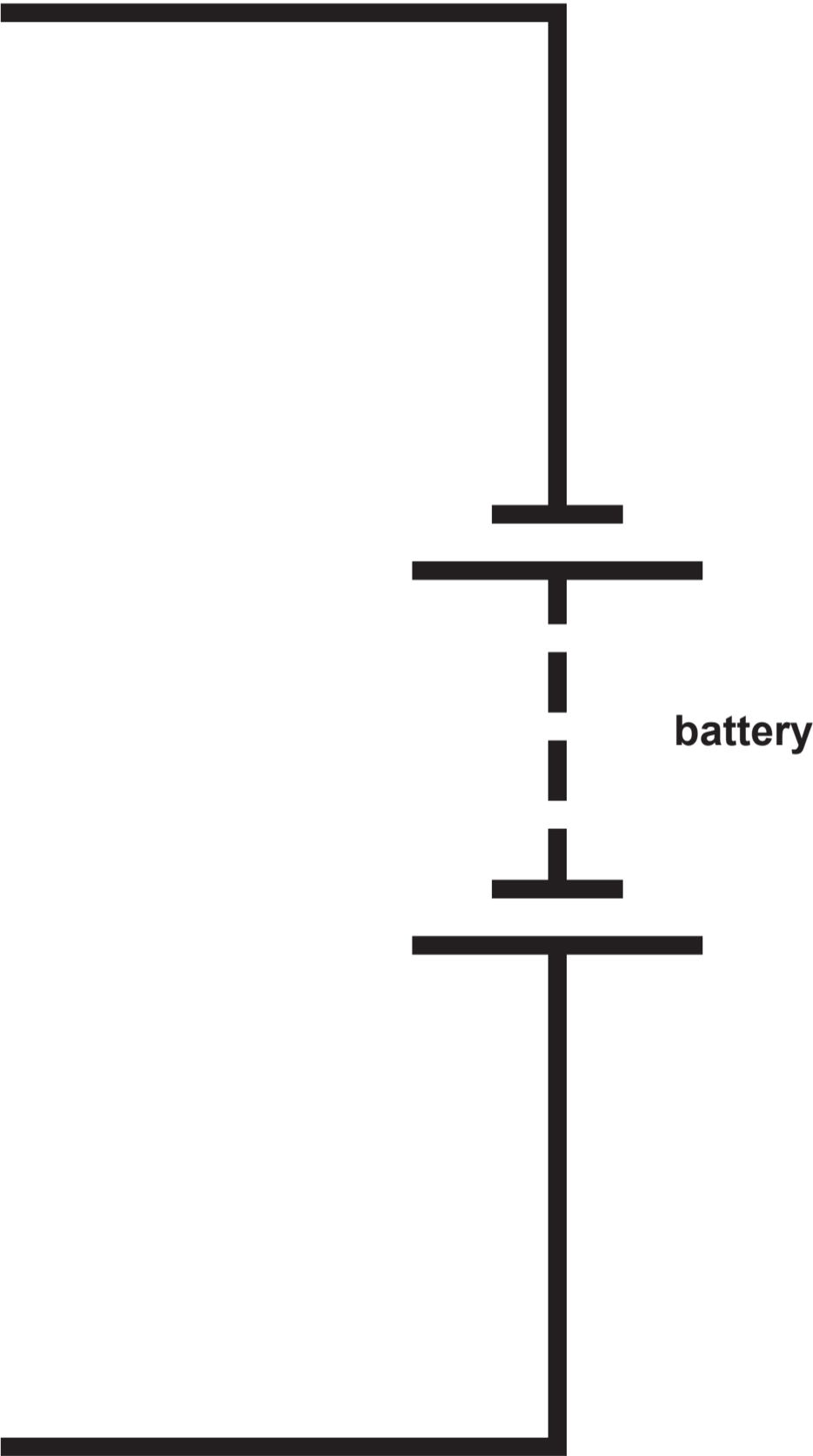
Question 2(a)

FIGURE 3



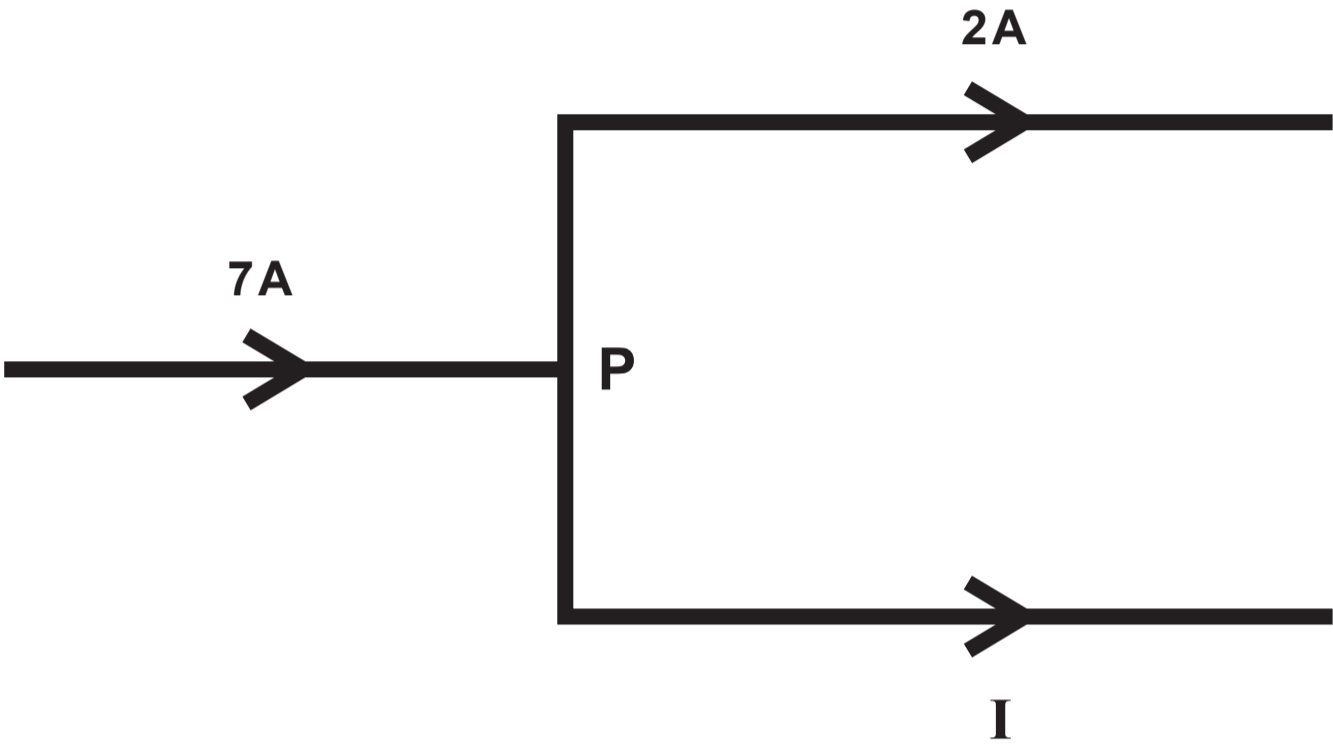
Question 2(a)

circuit diagram



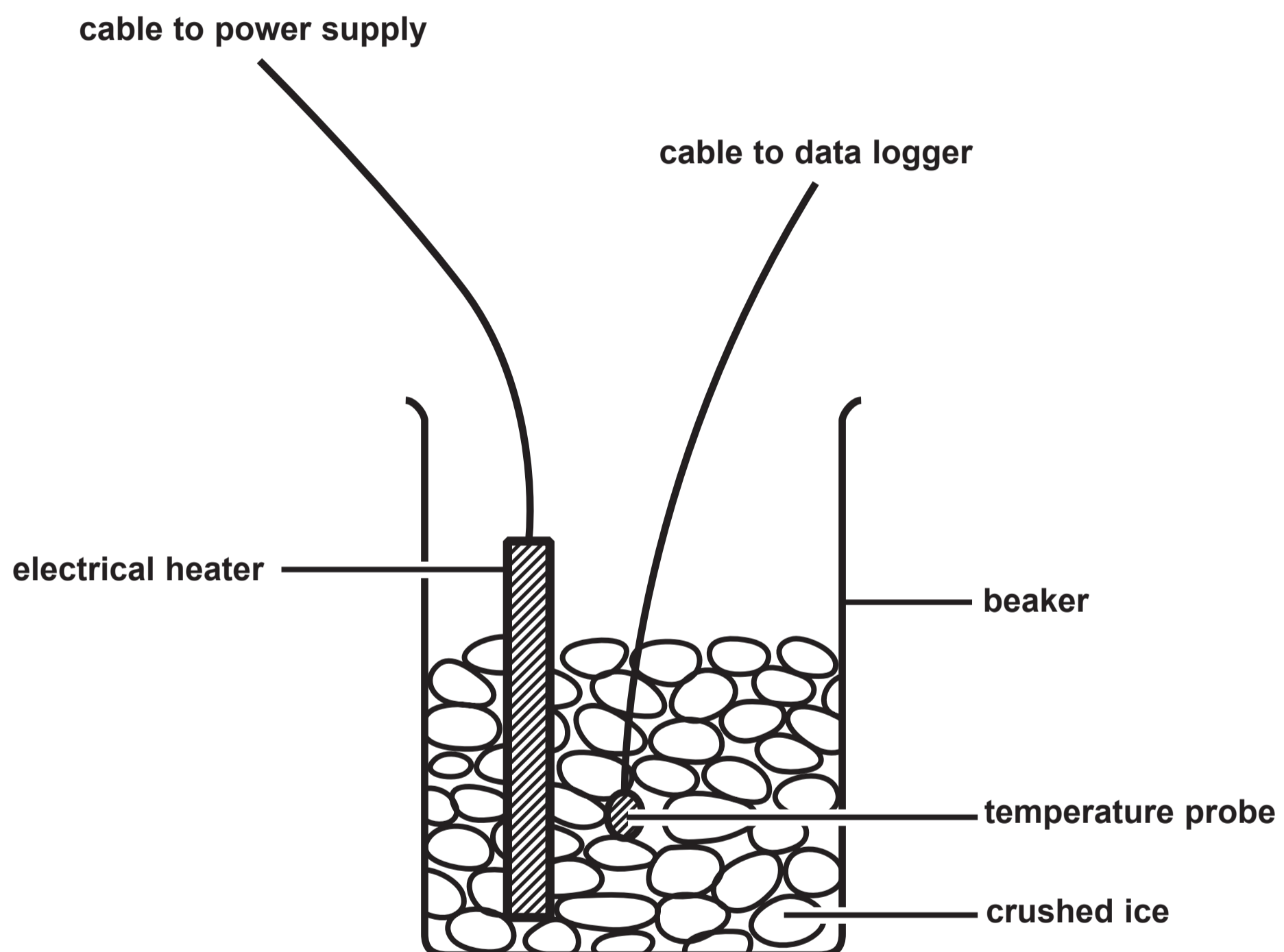
Question 2(b)

FIGURE 4



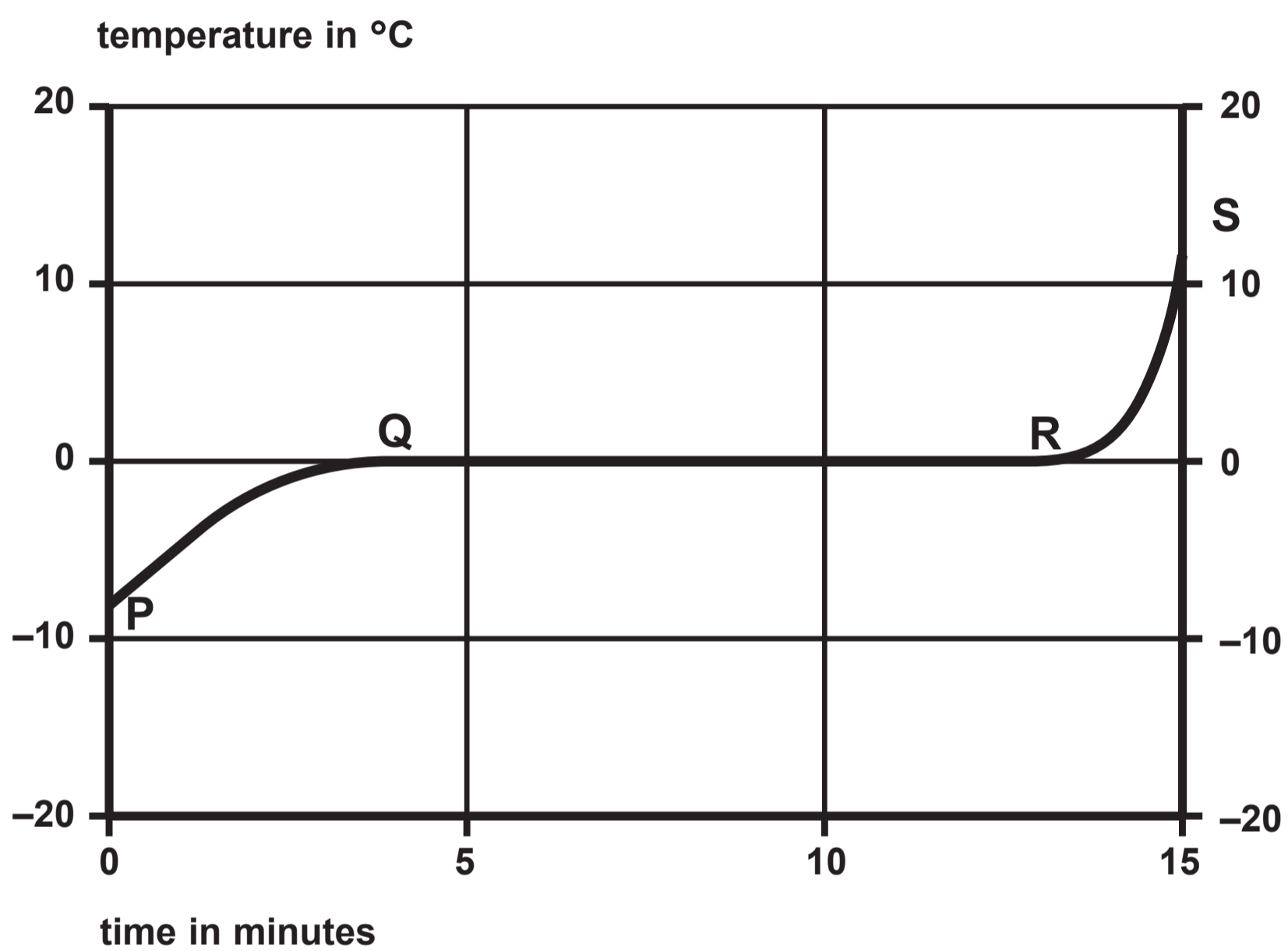
Question 3(a)

FIGURE 5



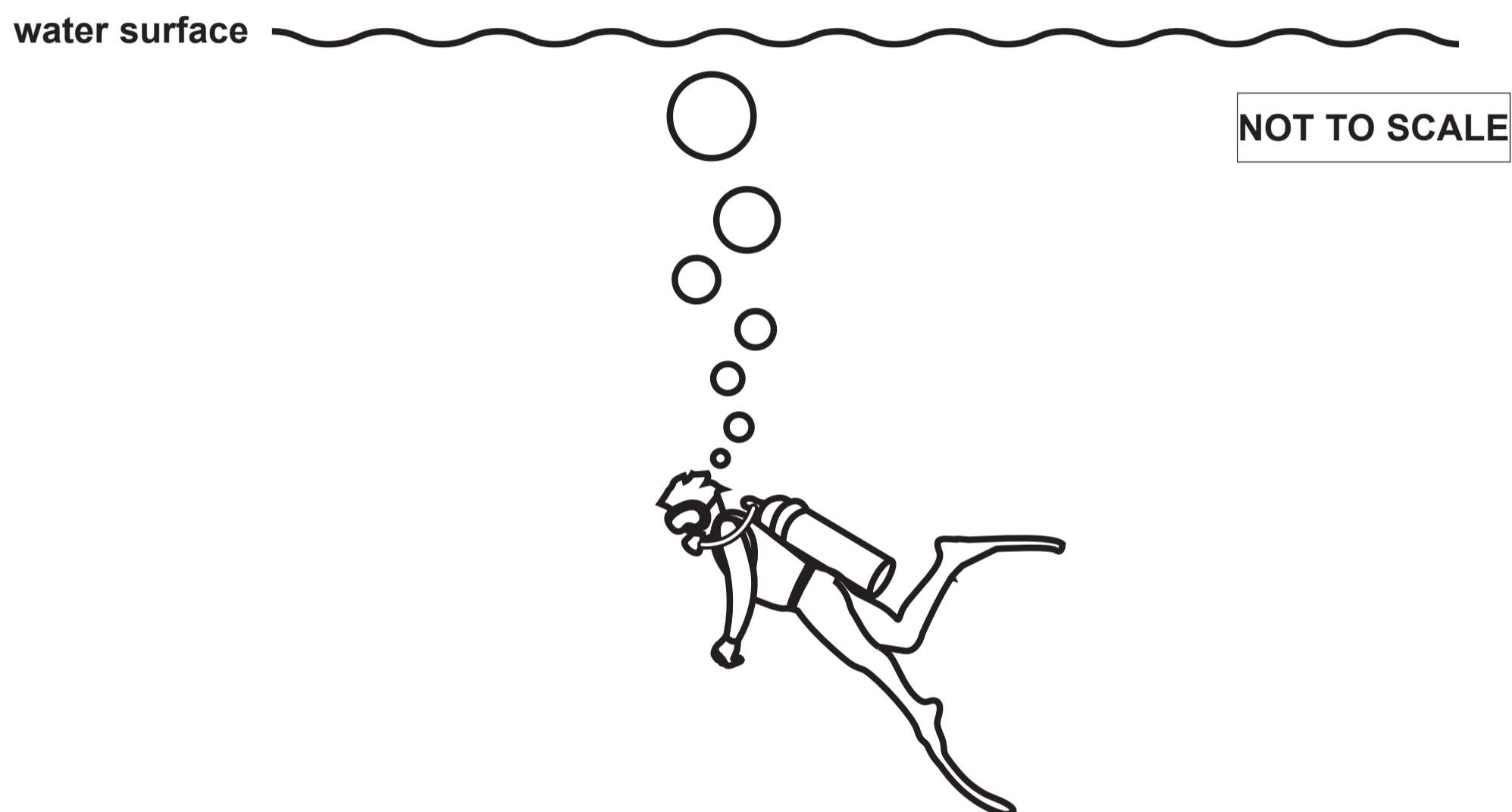
Question 3(b)

FIGURE 6



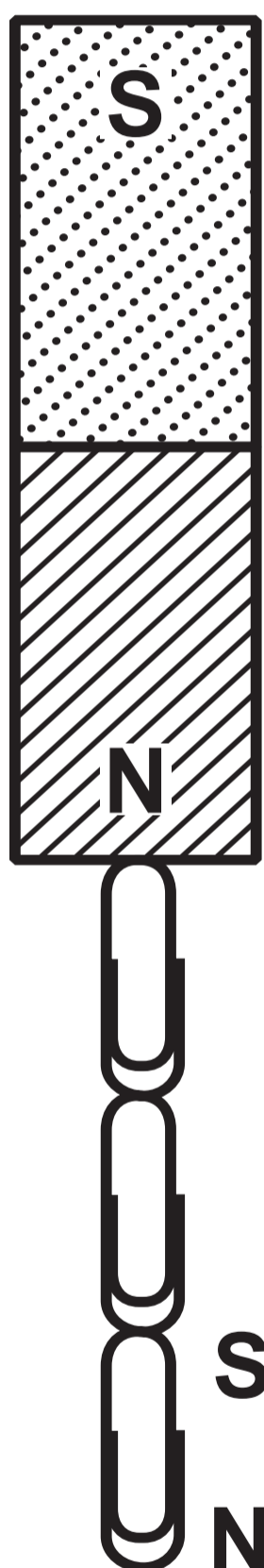
Question 3(c)

FIGURE 7



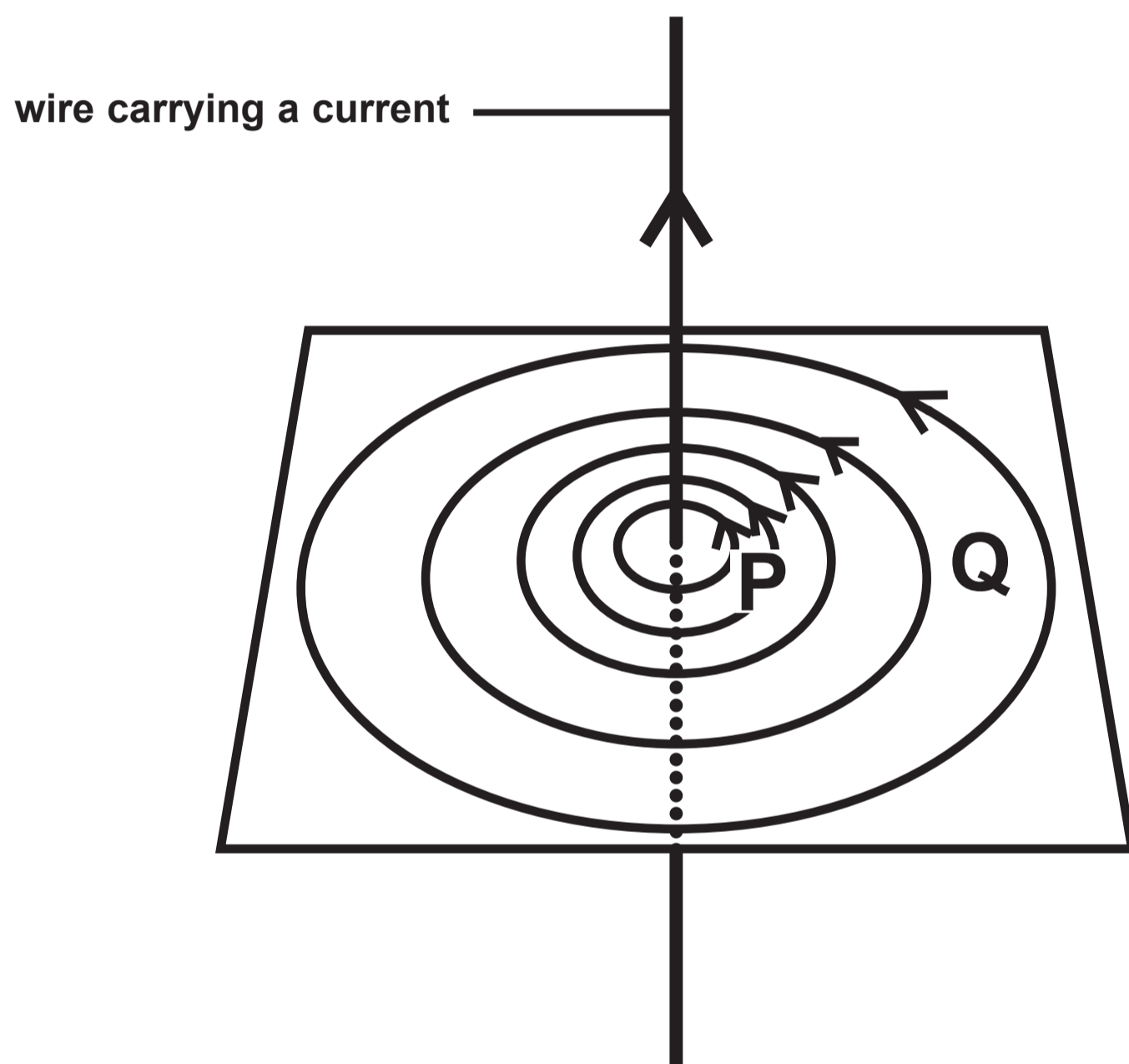
Question 4(a)

FIGURE 8



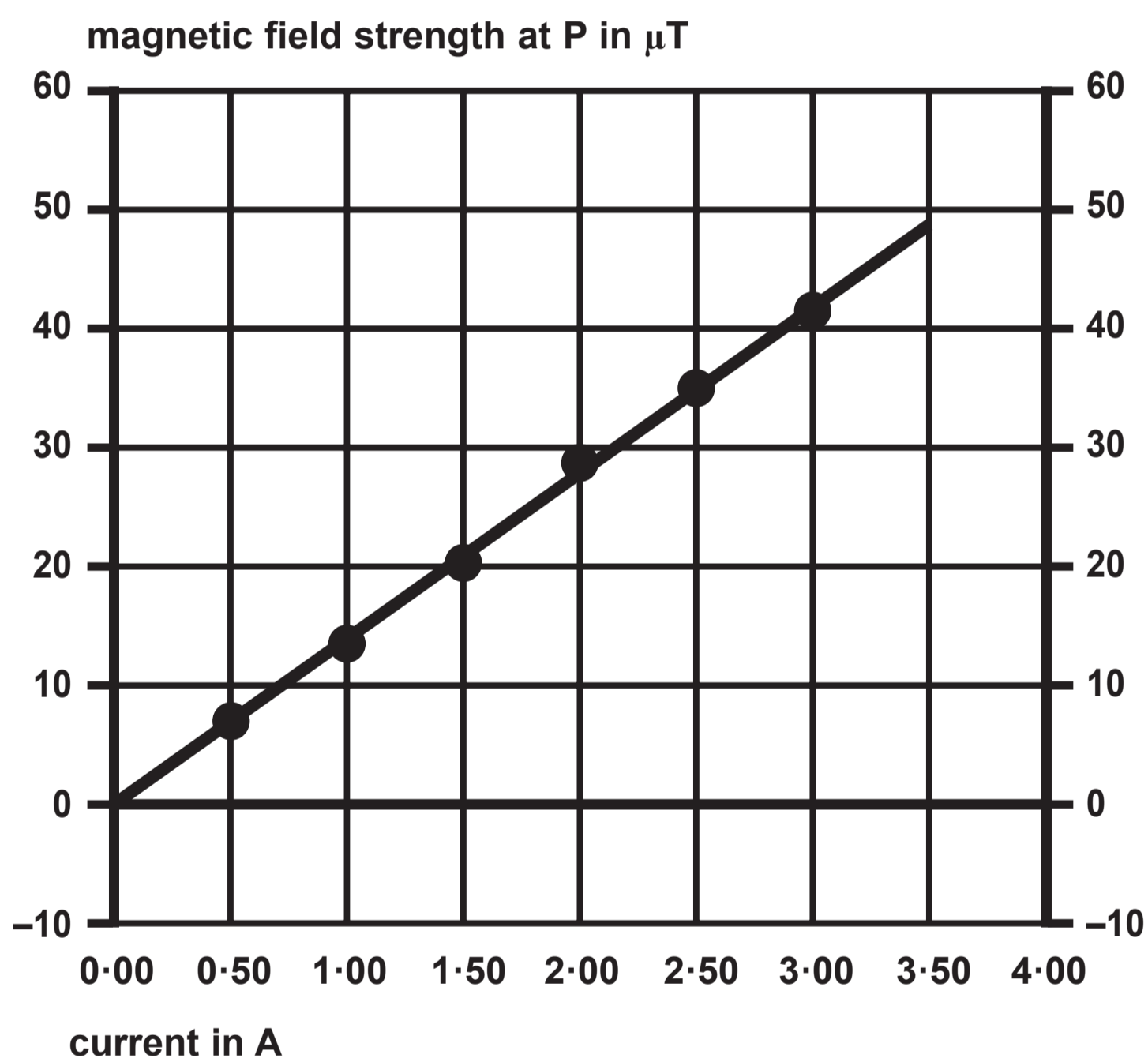
Question 4(b)

FIGURE 9



Question 4(b)(ii)

FIGURE 10



Question 5

FIGURE 11

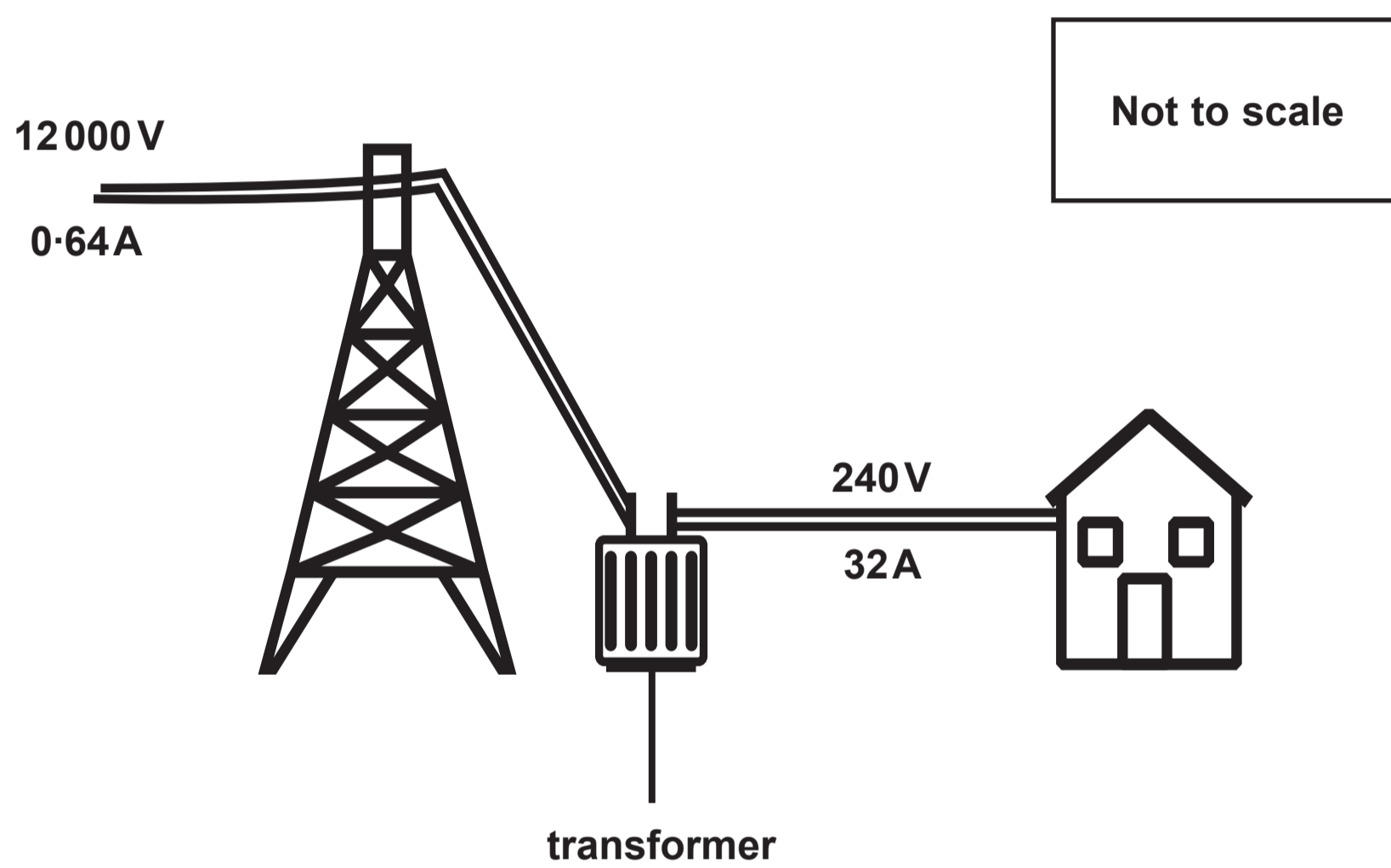
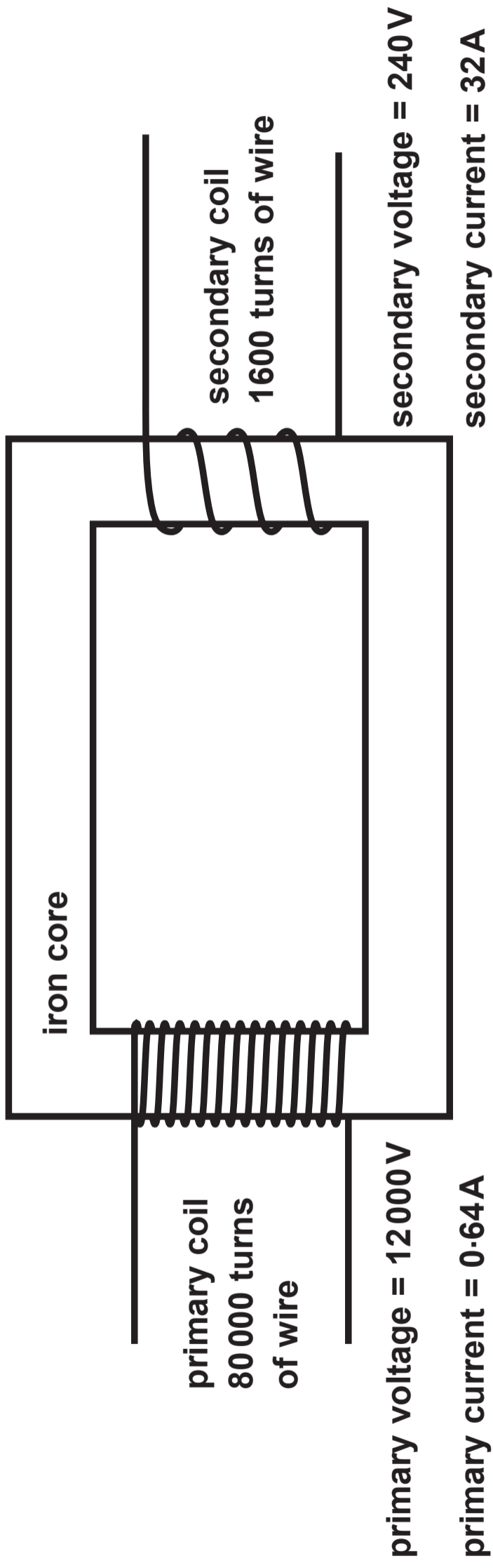
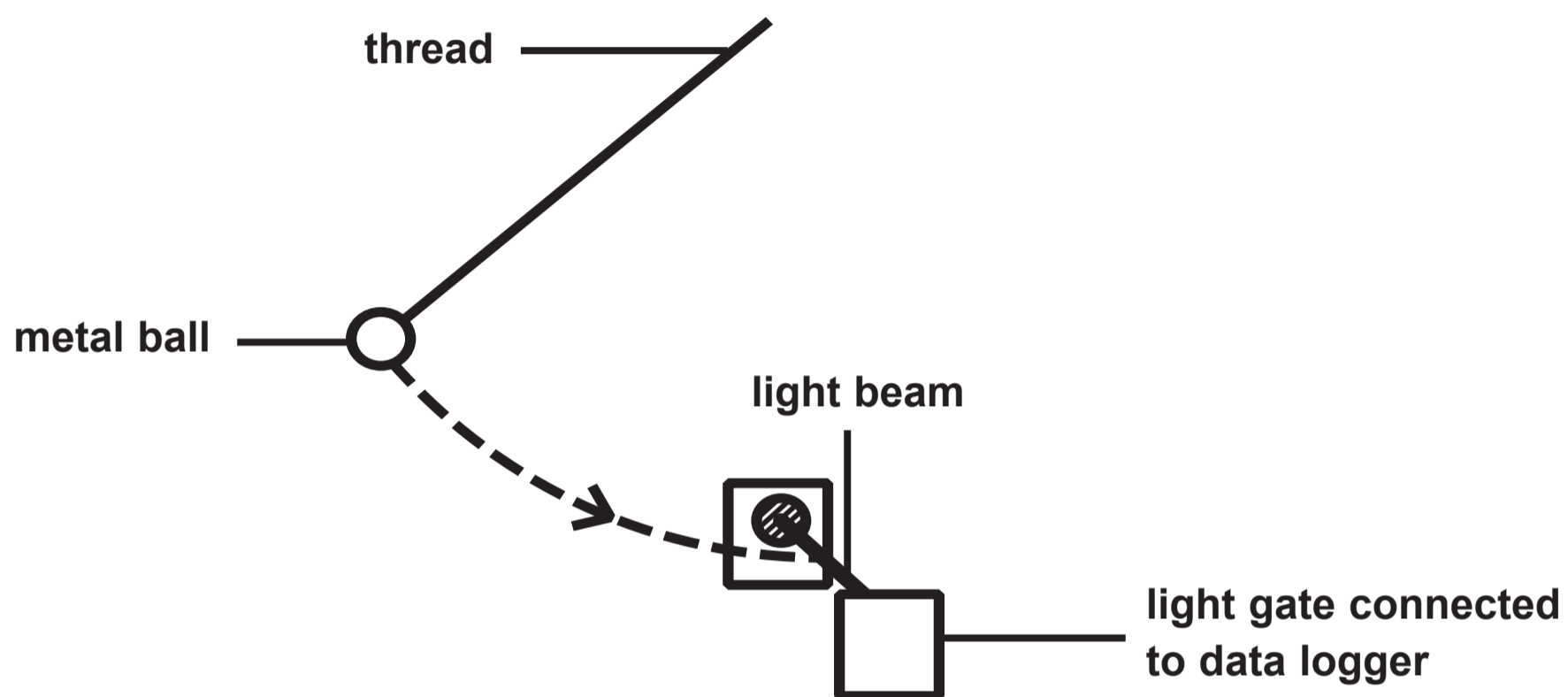


FIGURE 12



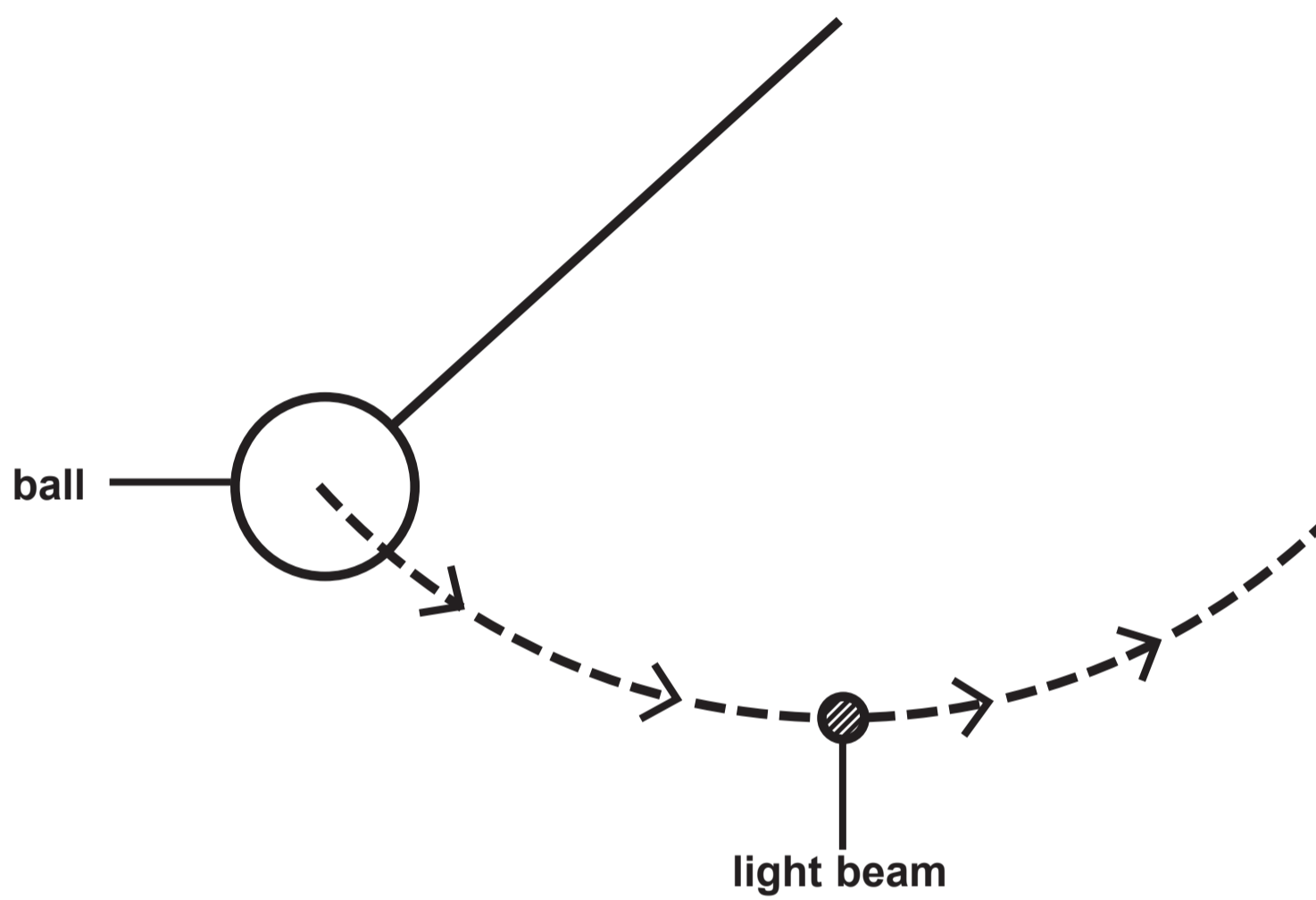
Question 6

FIGURE 13



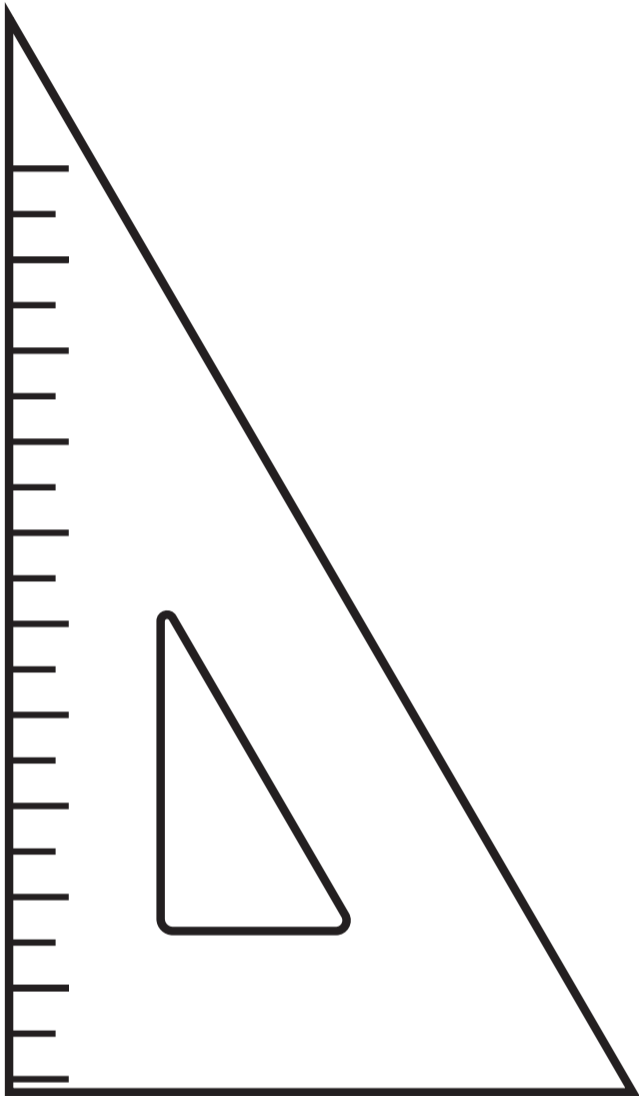
Question 6(d)

FIGURE 15



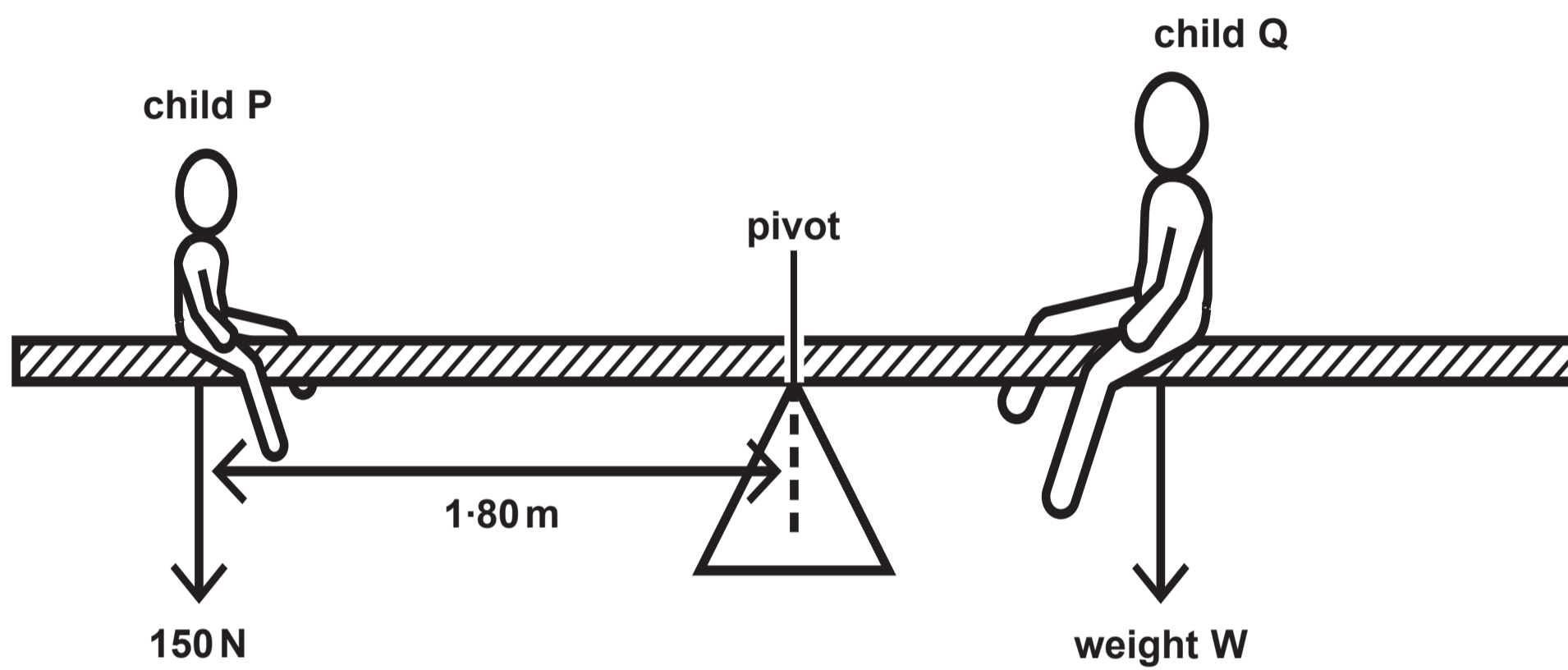
Question 6(d)(ii)

FIGURE 16



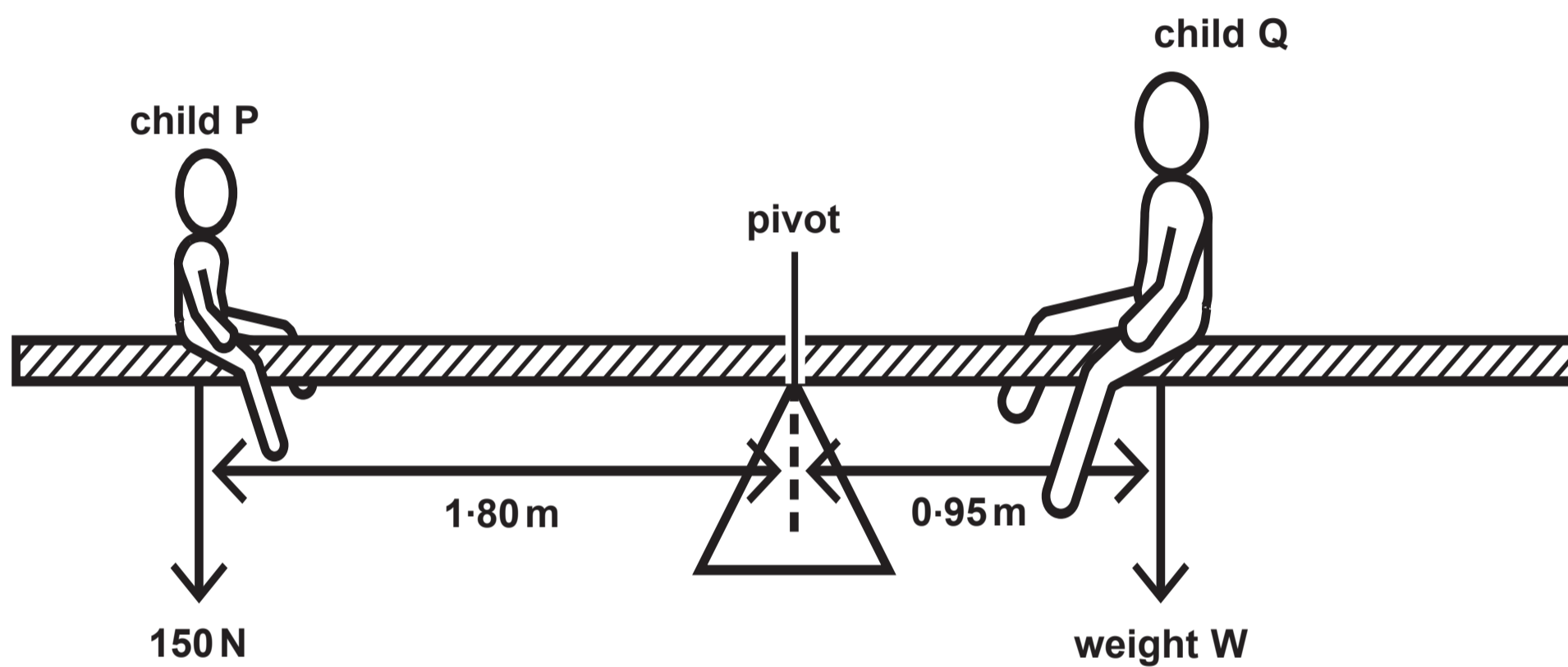
Question 7(b)

FIGURE 17



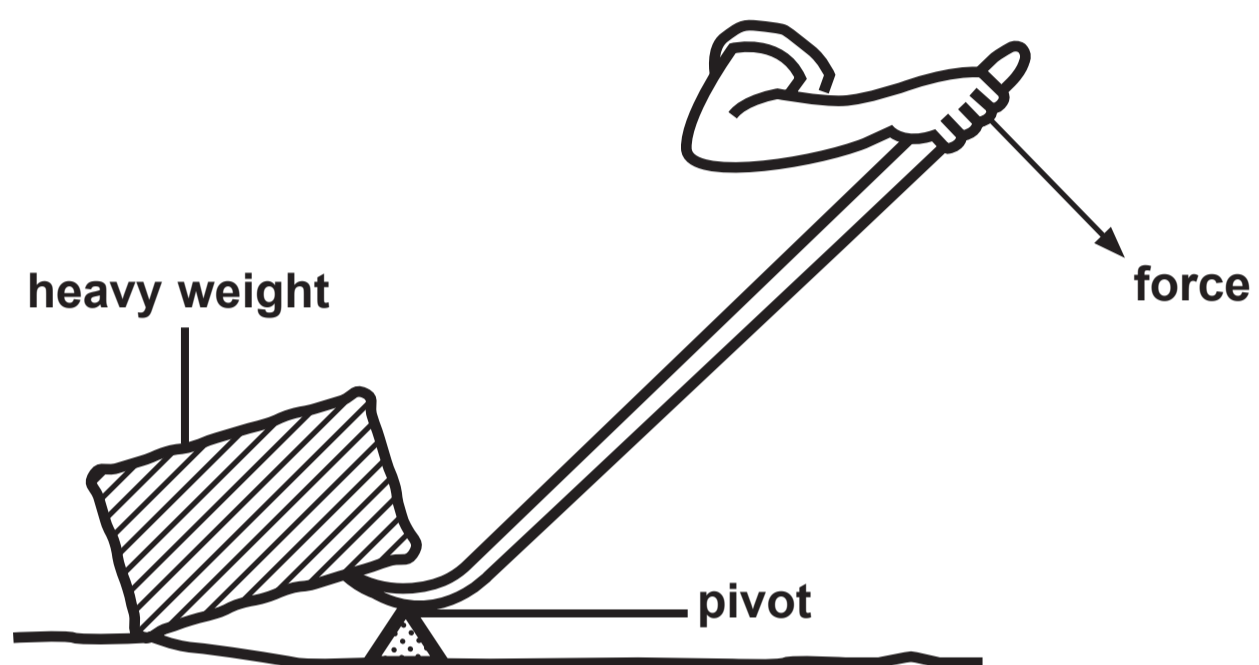
Question 7(b)(ii)

FIGURE 18



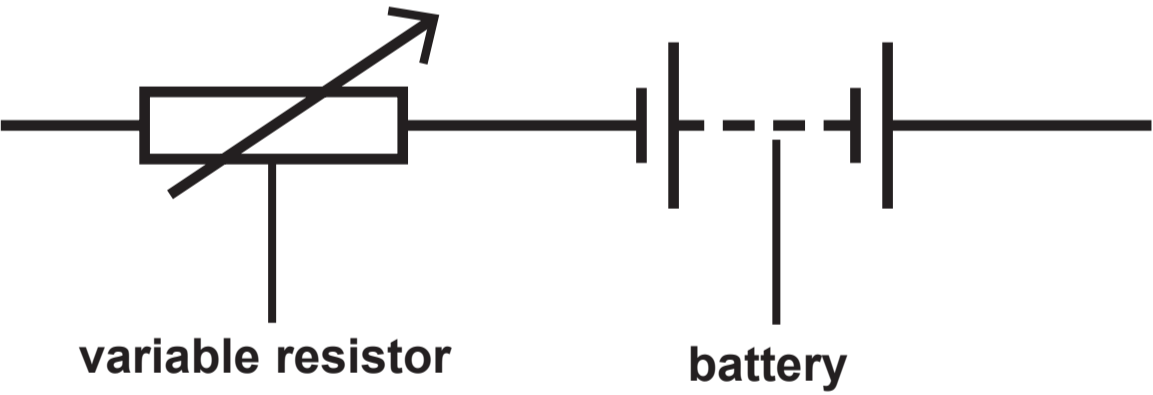
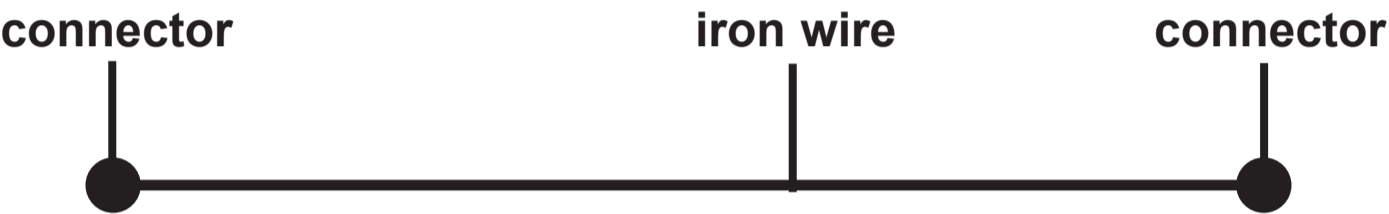
Question 7(c)

FIGURE 19



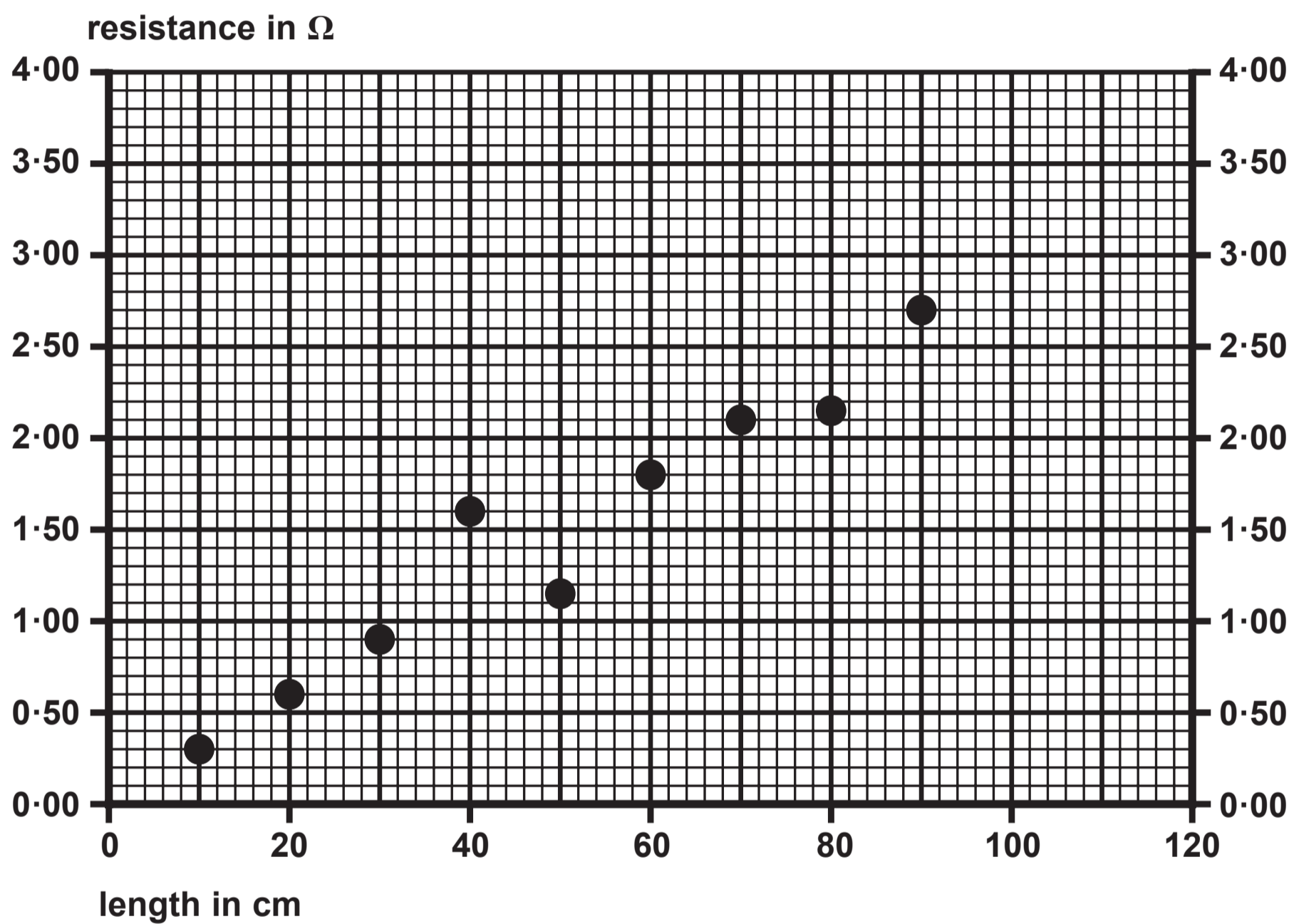
Question 8(b)

FIGURE 20



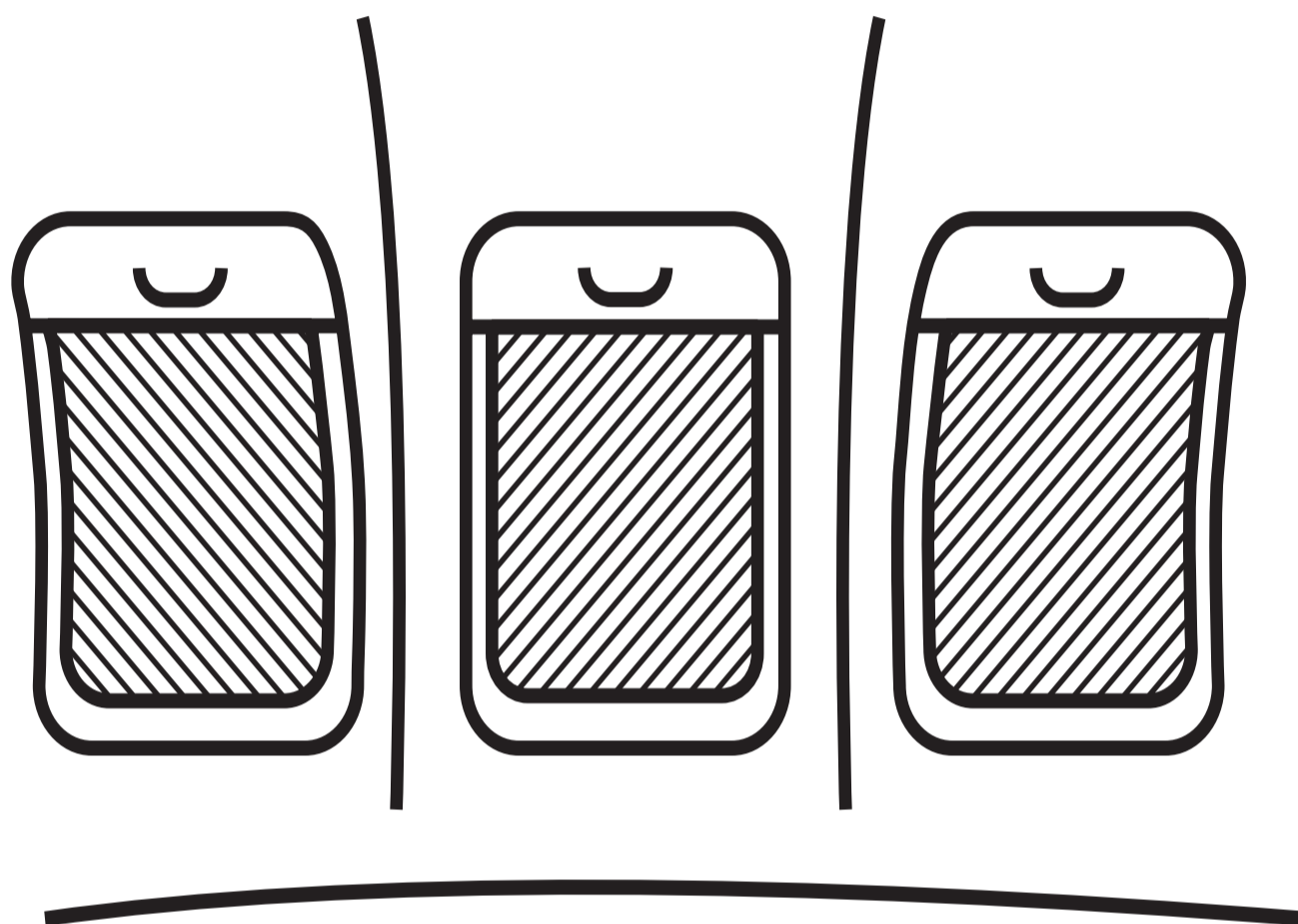
Question 8(c)(ii)

FIGURE 21



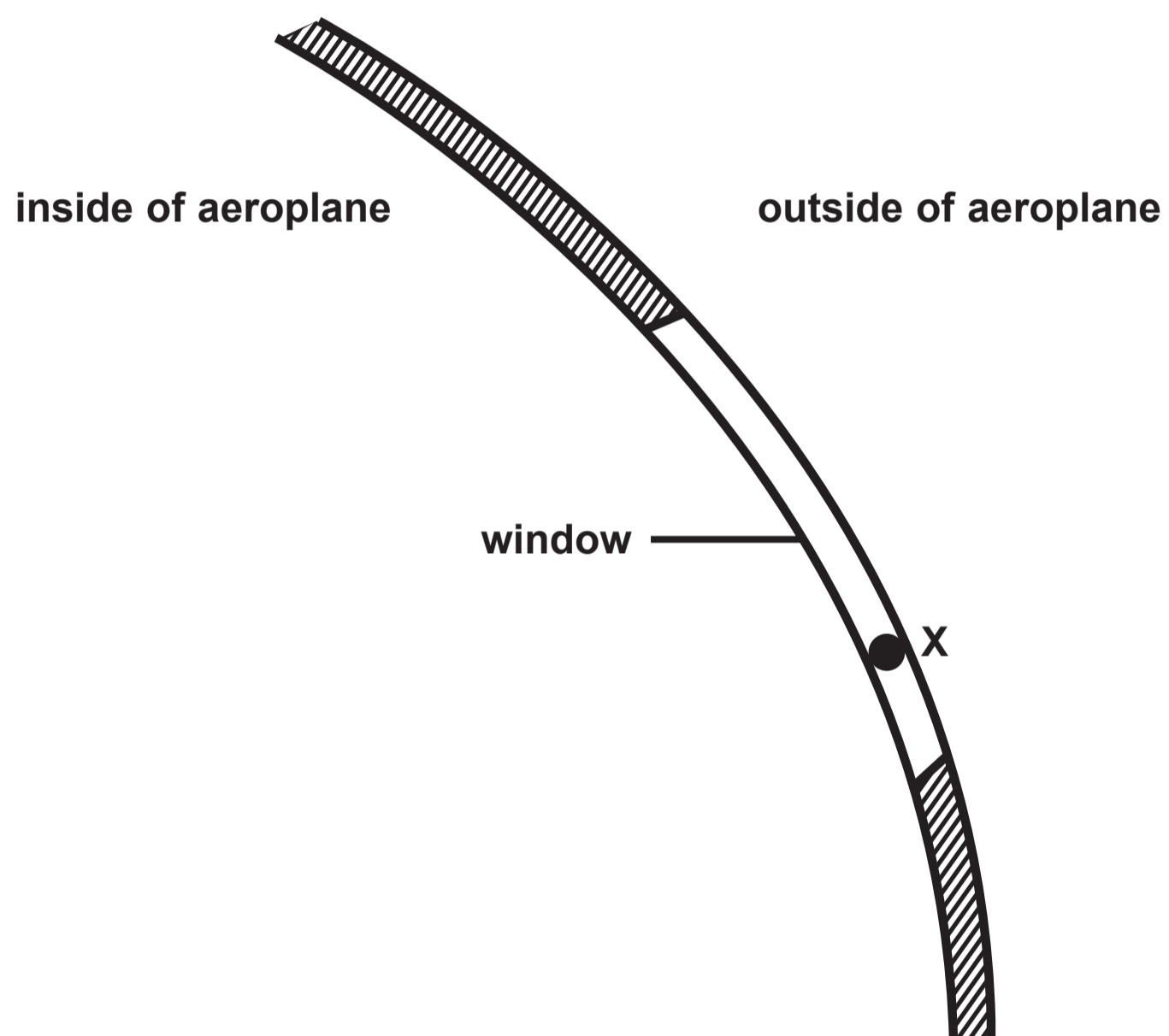
Question 10(a)

FIGURE 22



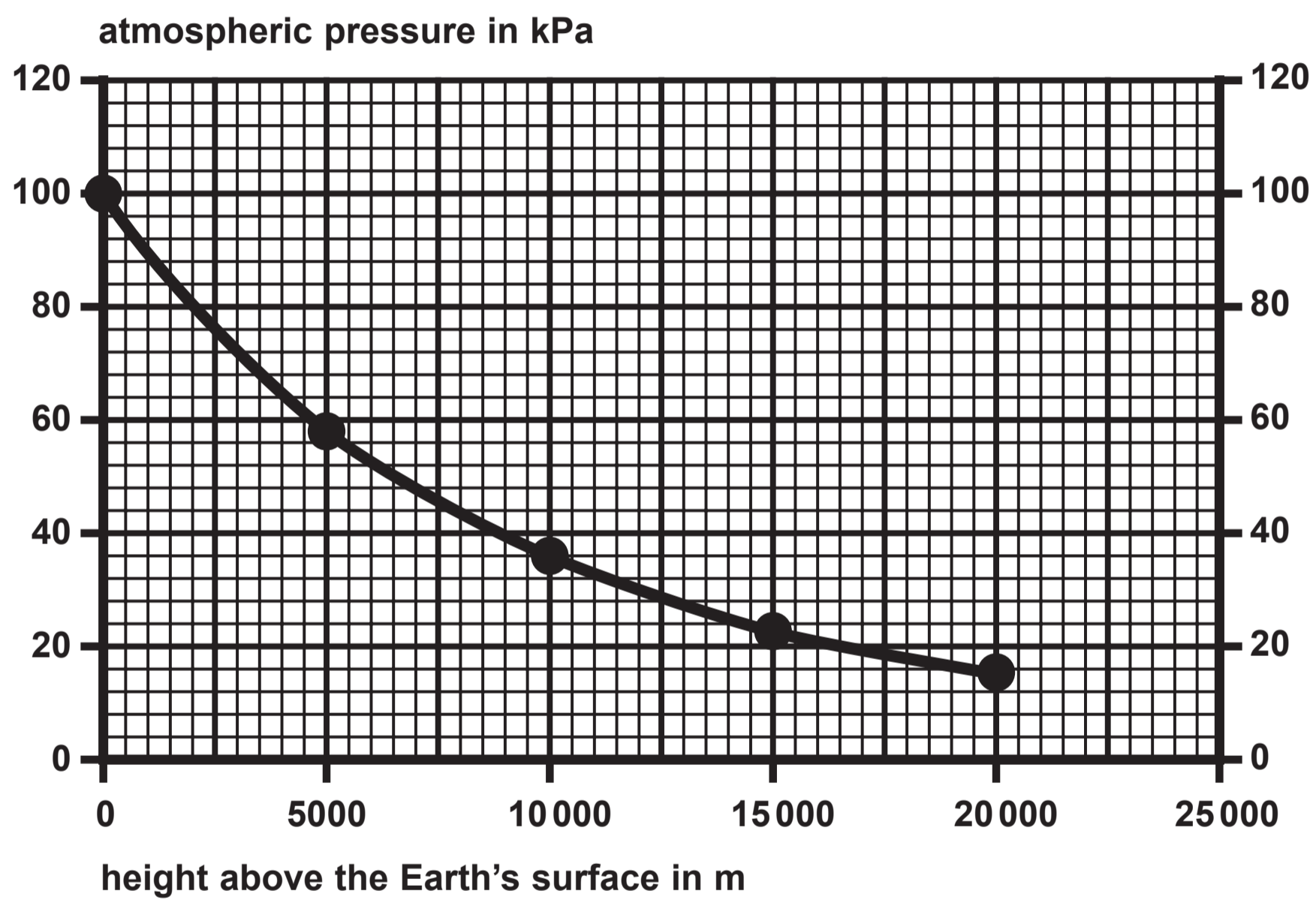
Question 10(a)(iv)

FIGURE 23



Question 10(b)

FIGURE 24



Question 1(c)

**electrostatic
charges in action**

charging a
plastic comb

electrostatic
paint spraying

safe fuelling of cars
by earthing

lightning

description

small droplets are
charged so they will
stick to an object

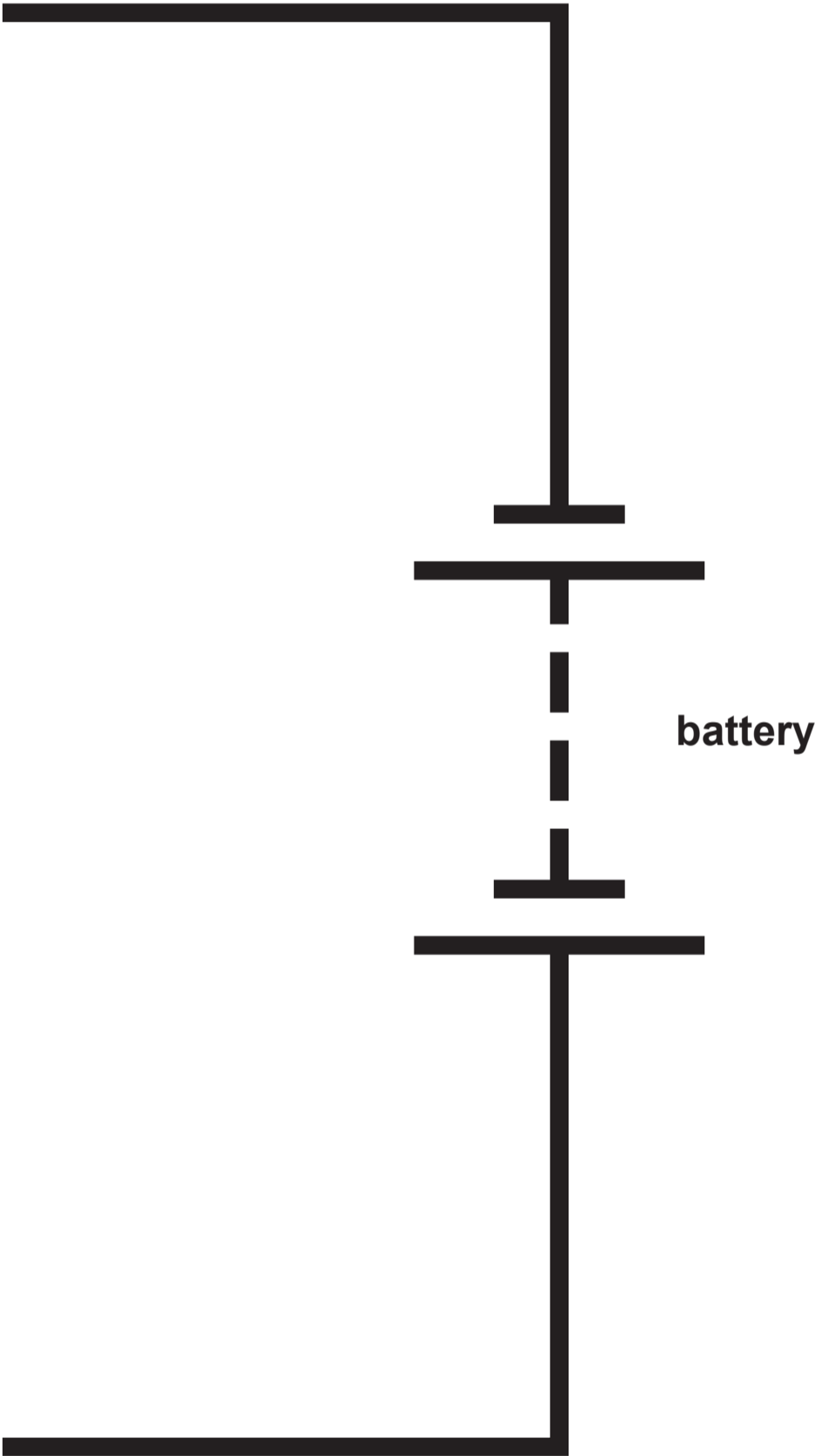
build-up of charge
in a cloud causes a
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prevents a dangerous
build-up of charge
between a flowing
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produced by
friction between
solid surfaces

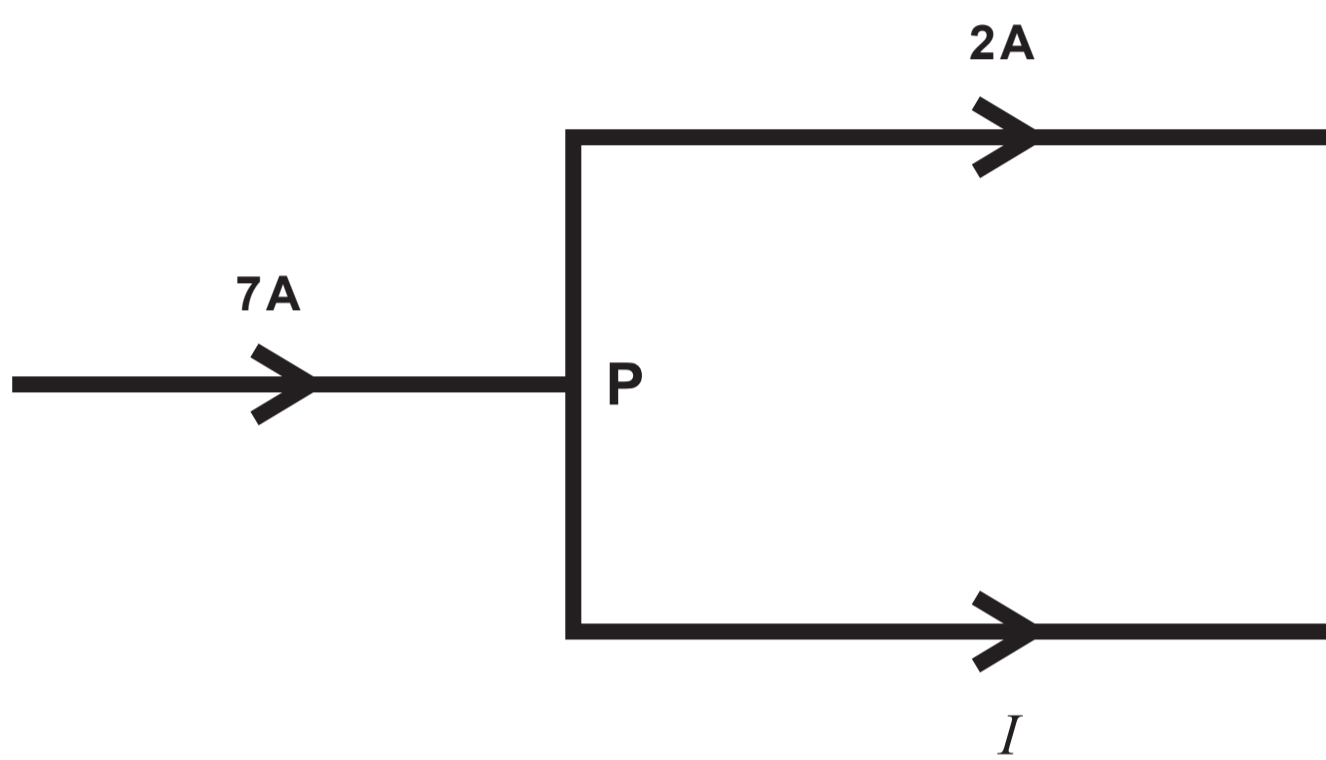
Question 2(a)

circuit diagram



Question 2(b)

FIGURE 4



Question 10(a)(iv)

FIGURE 23

