

Paper Reference(s) 1SC0/2PH  
Pearson Edexcel Level 1/Level 2 GCSE (9–1)

Combined Science  
PAPER 6  
Higher Tier

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.**

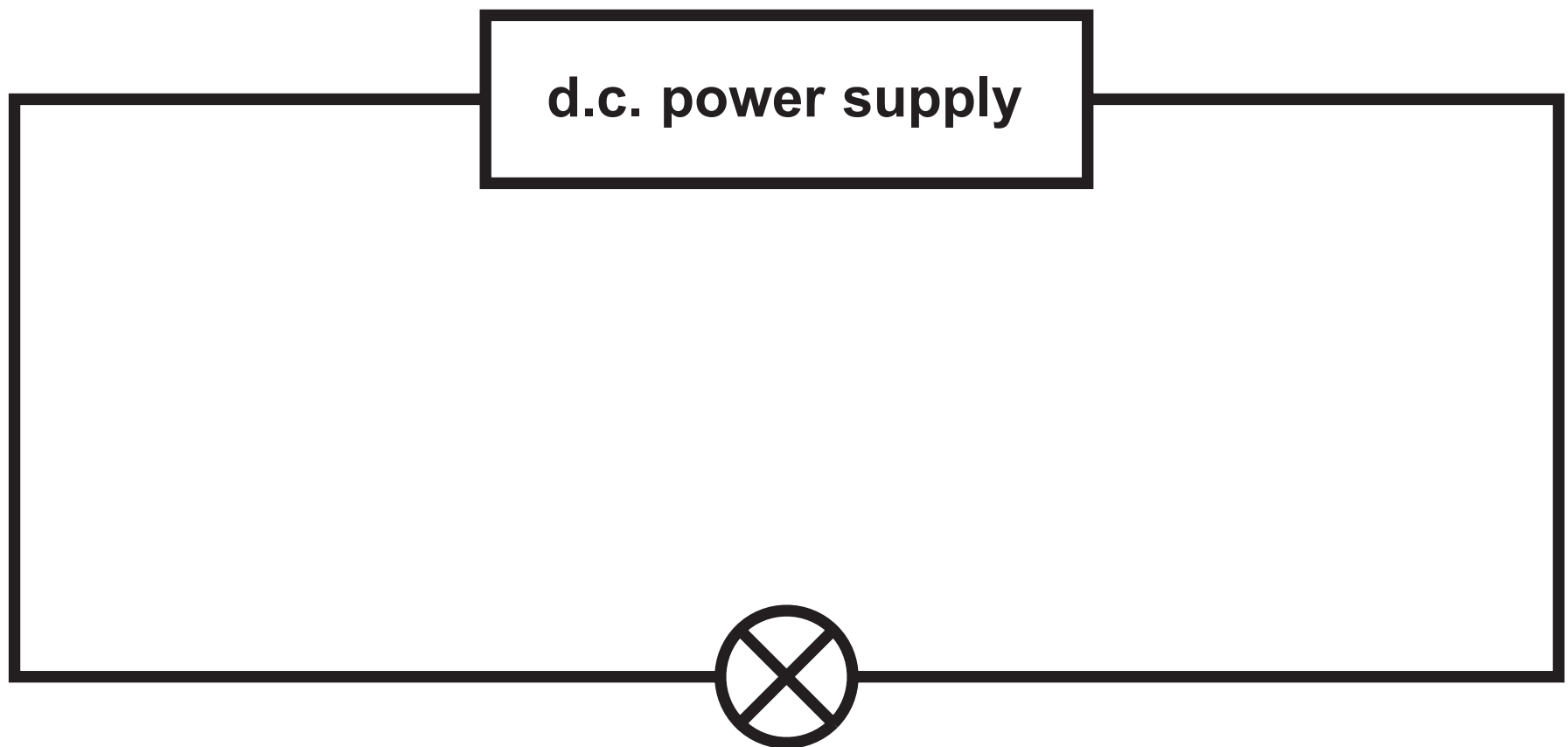
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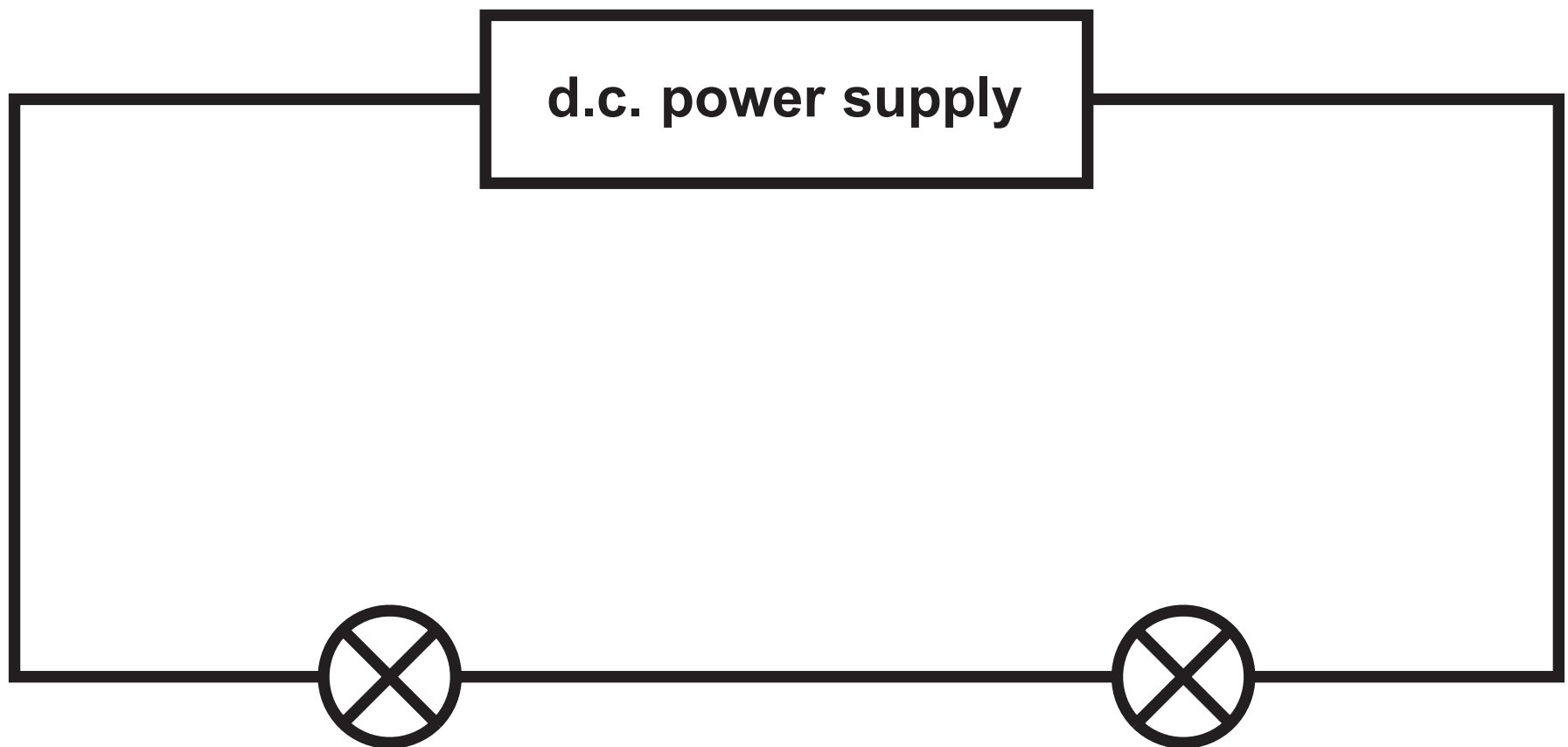
## Question 1(a)

FIGURE 1



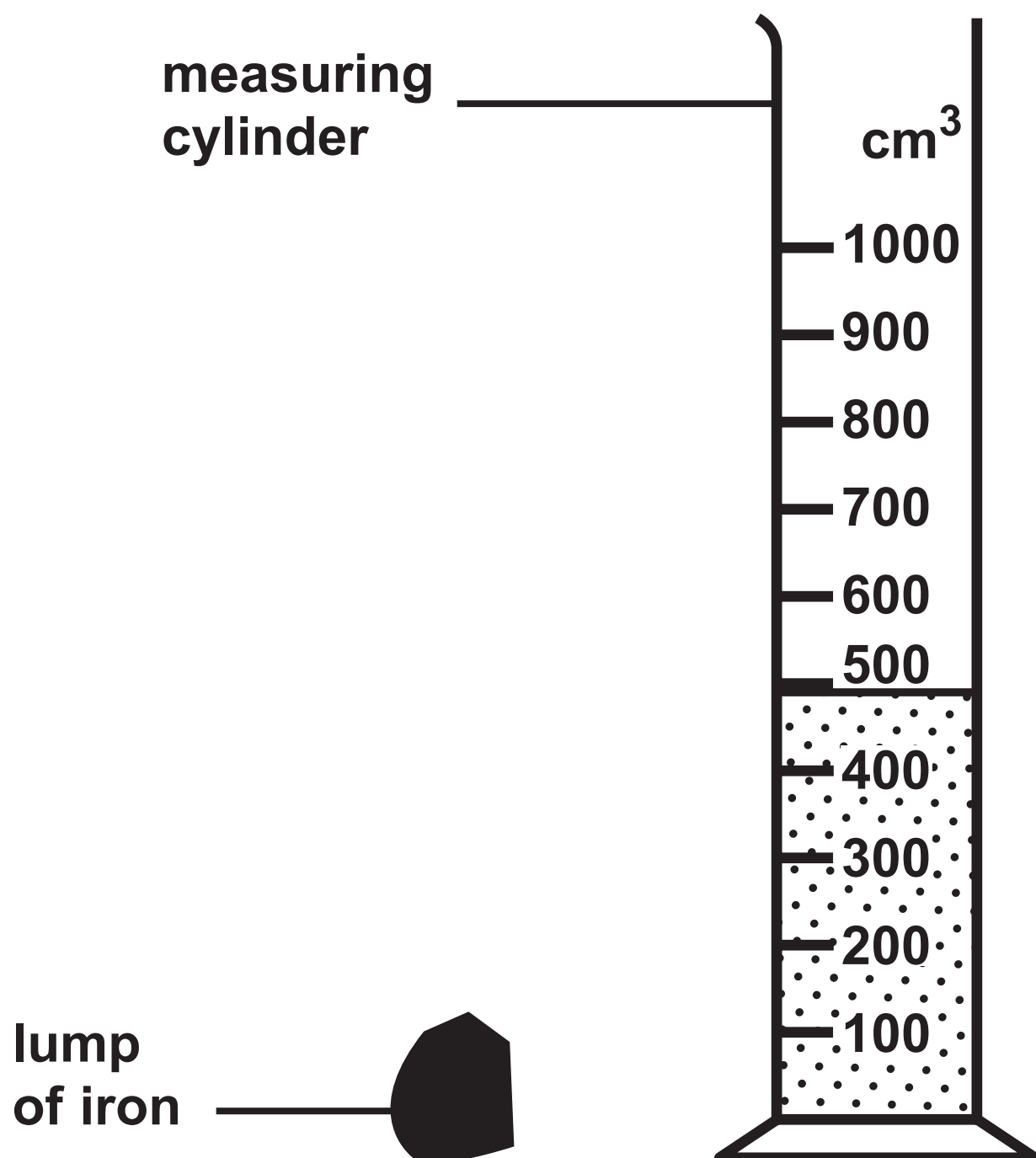
## Question 1(b)

FIGURE 2



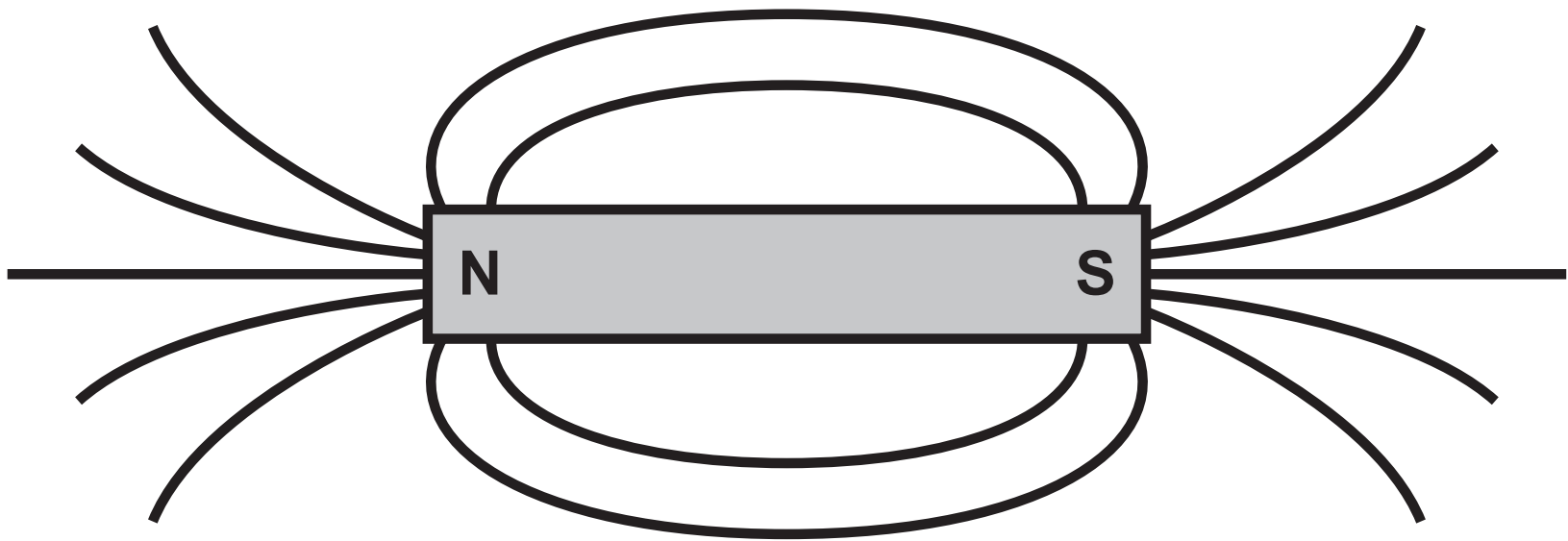
## Question 2(b)

FIGURE 3



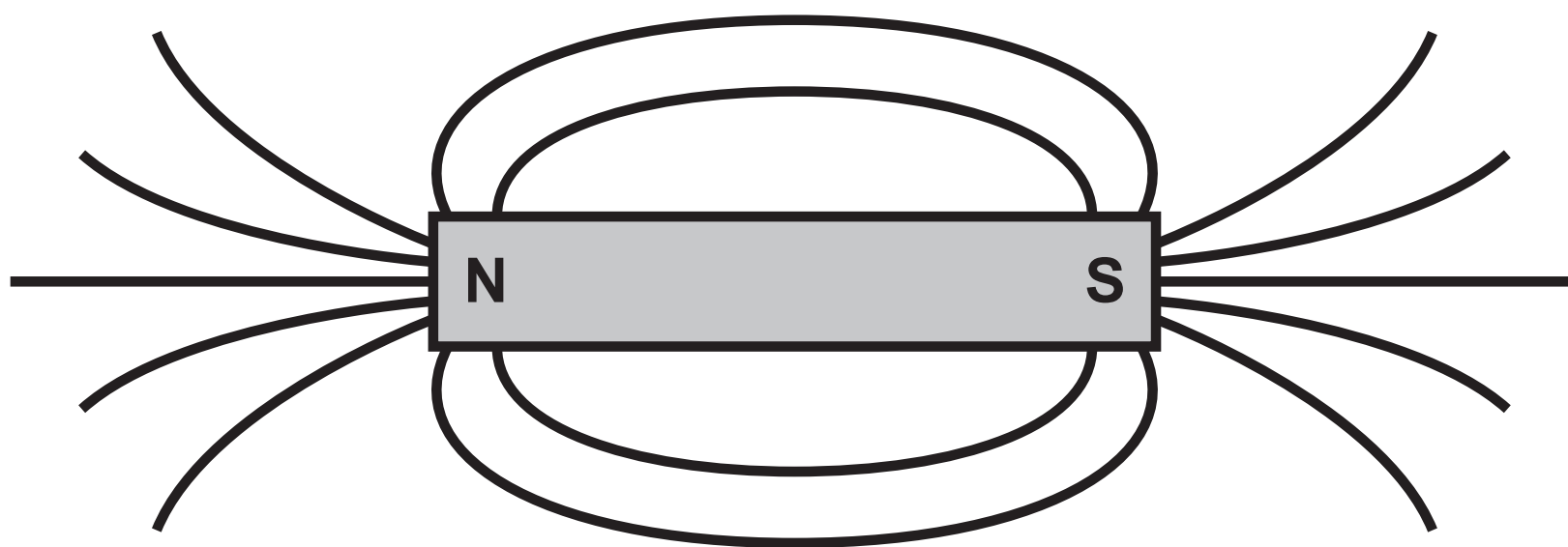
## Question 3(a)

FIGURE 4



## Question 3(a)

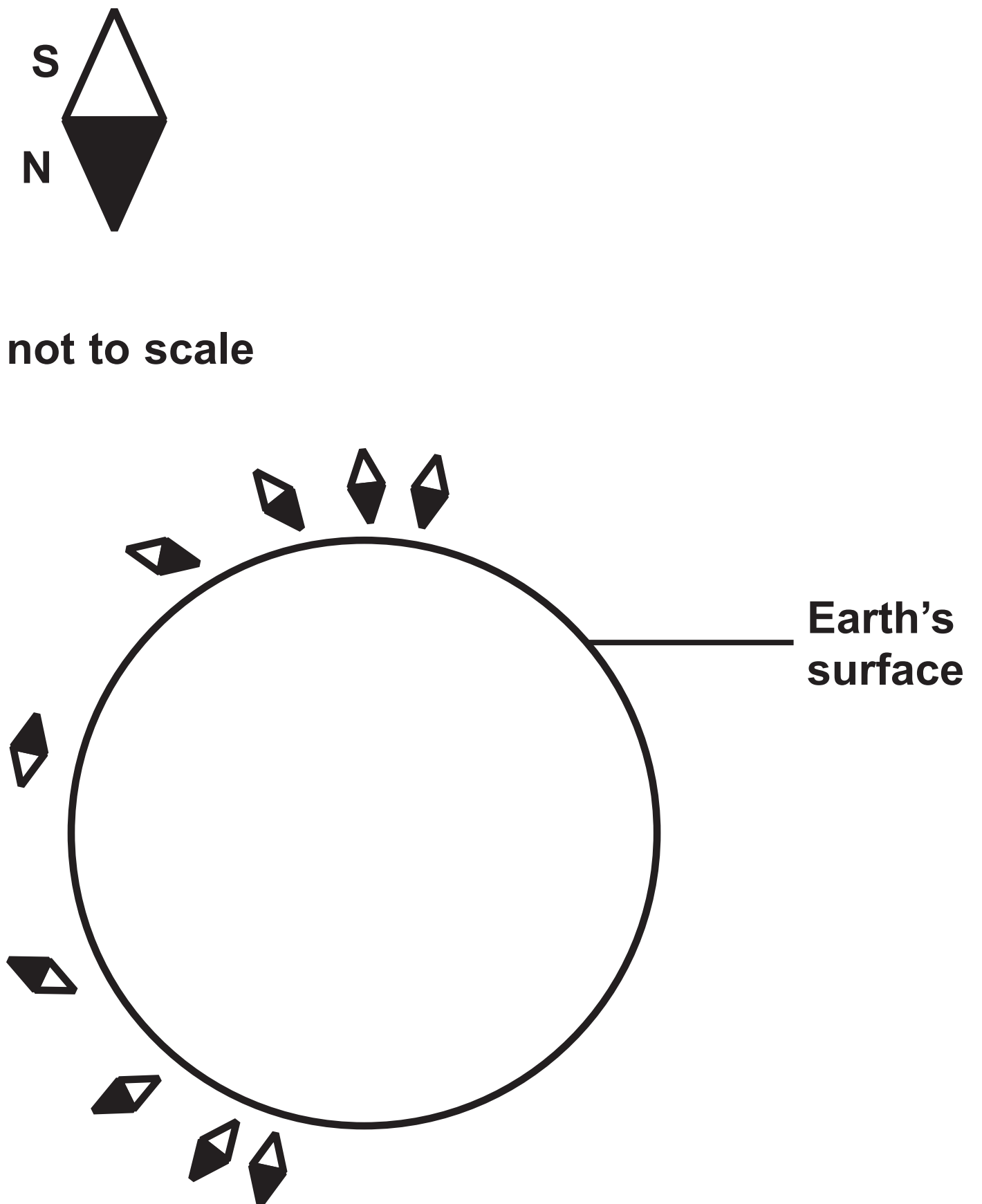
FIGURE 4





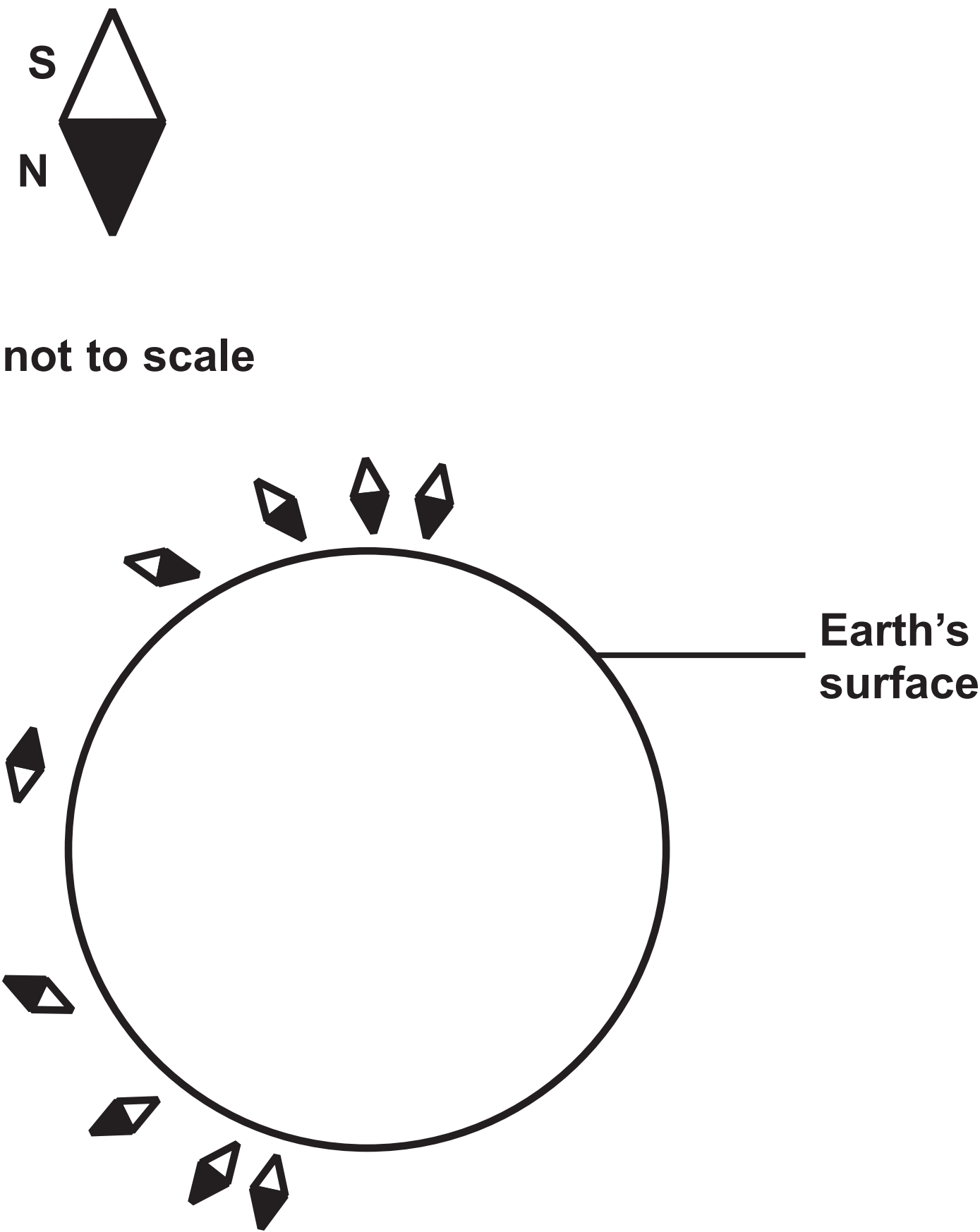
## Question 3(c)

FIGURE 5



Question 3(c)

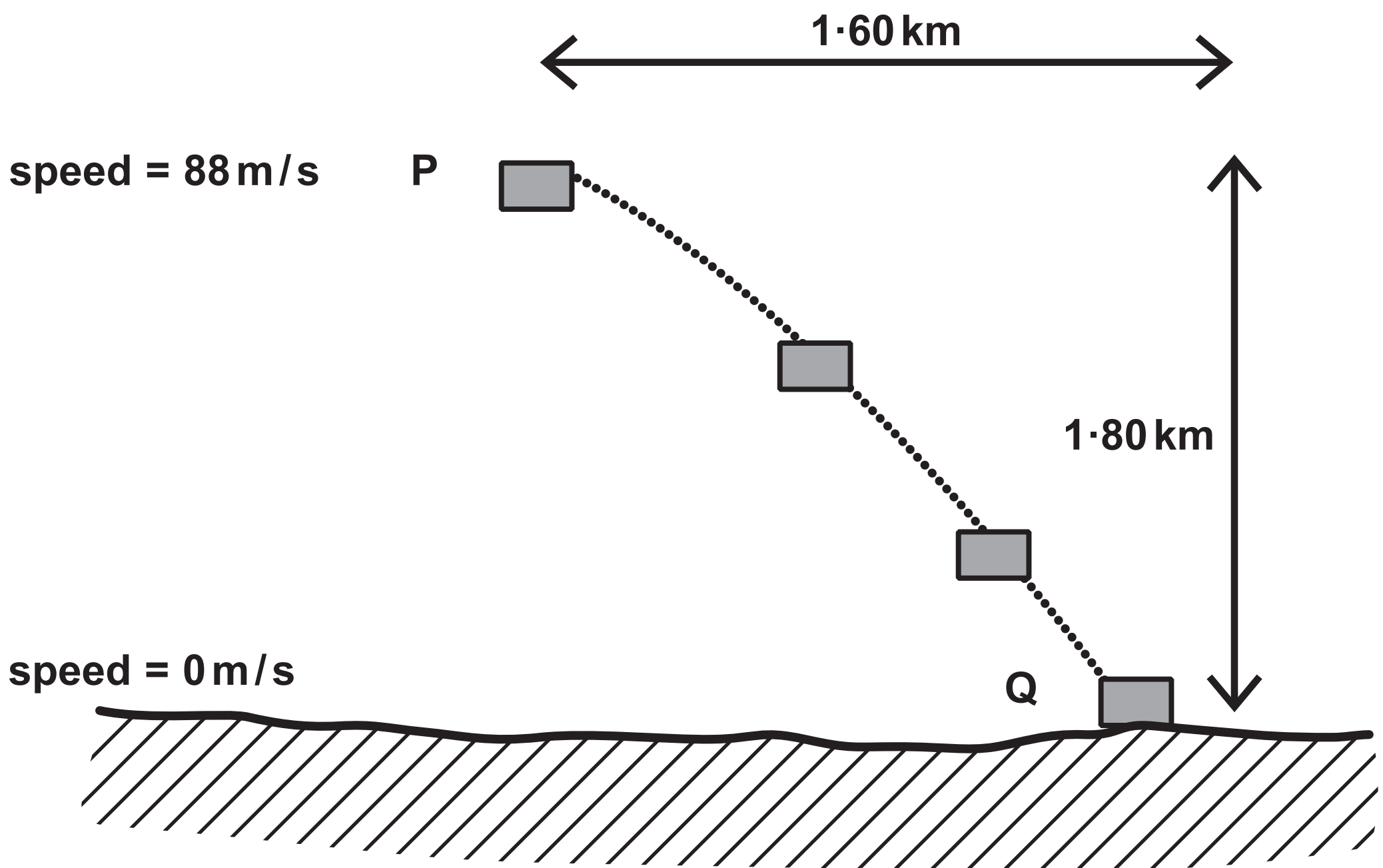
FIGURE 5



## Question 4(a)

FIGURE 6

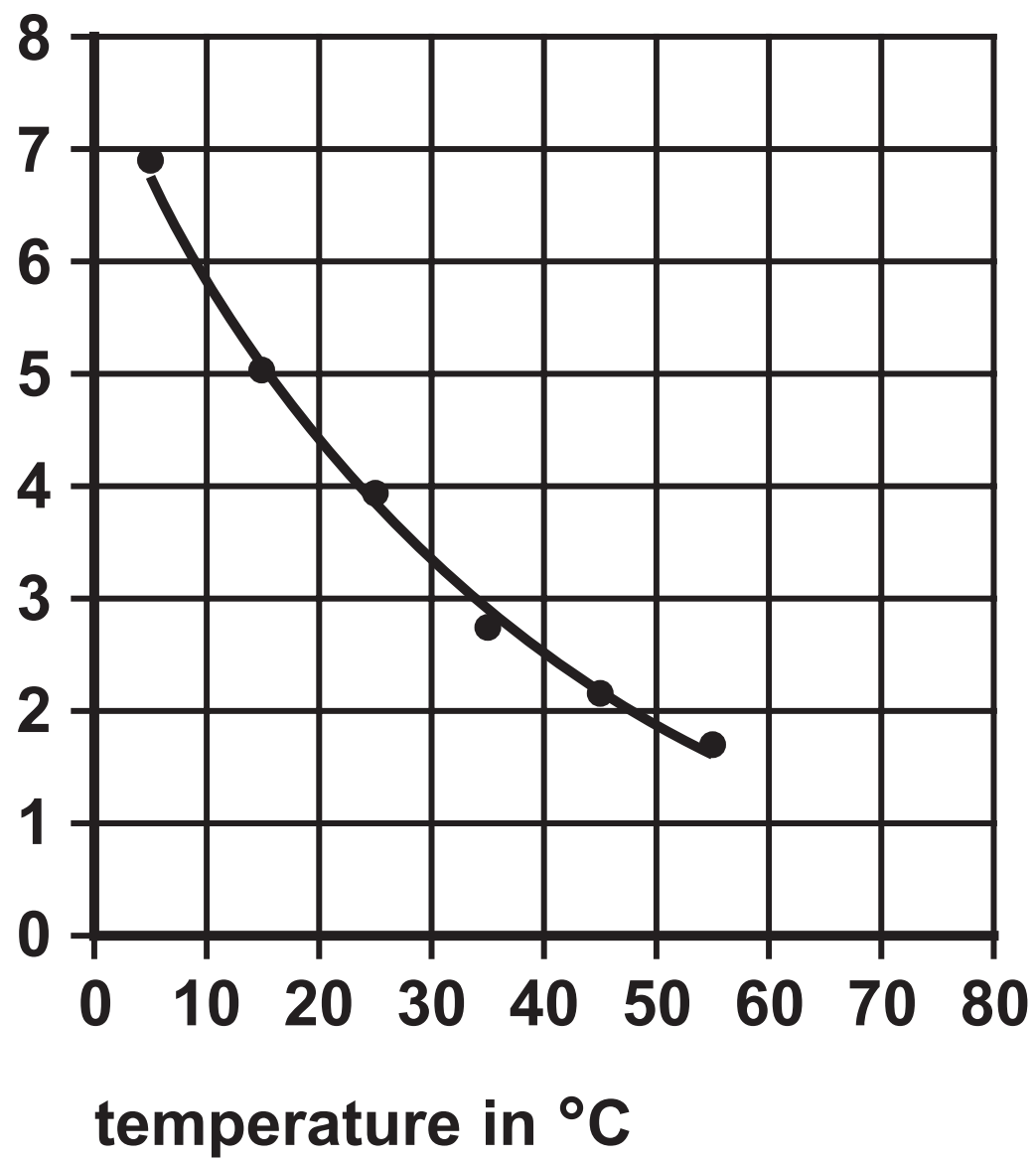
## KEY

 Mars rover

## Question 5(b)

FIGURE 7

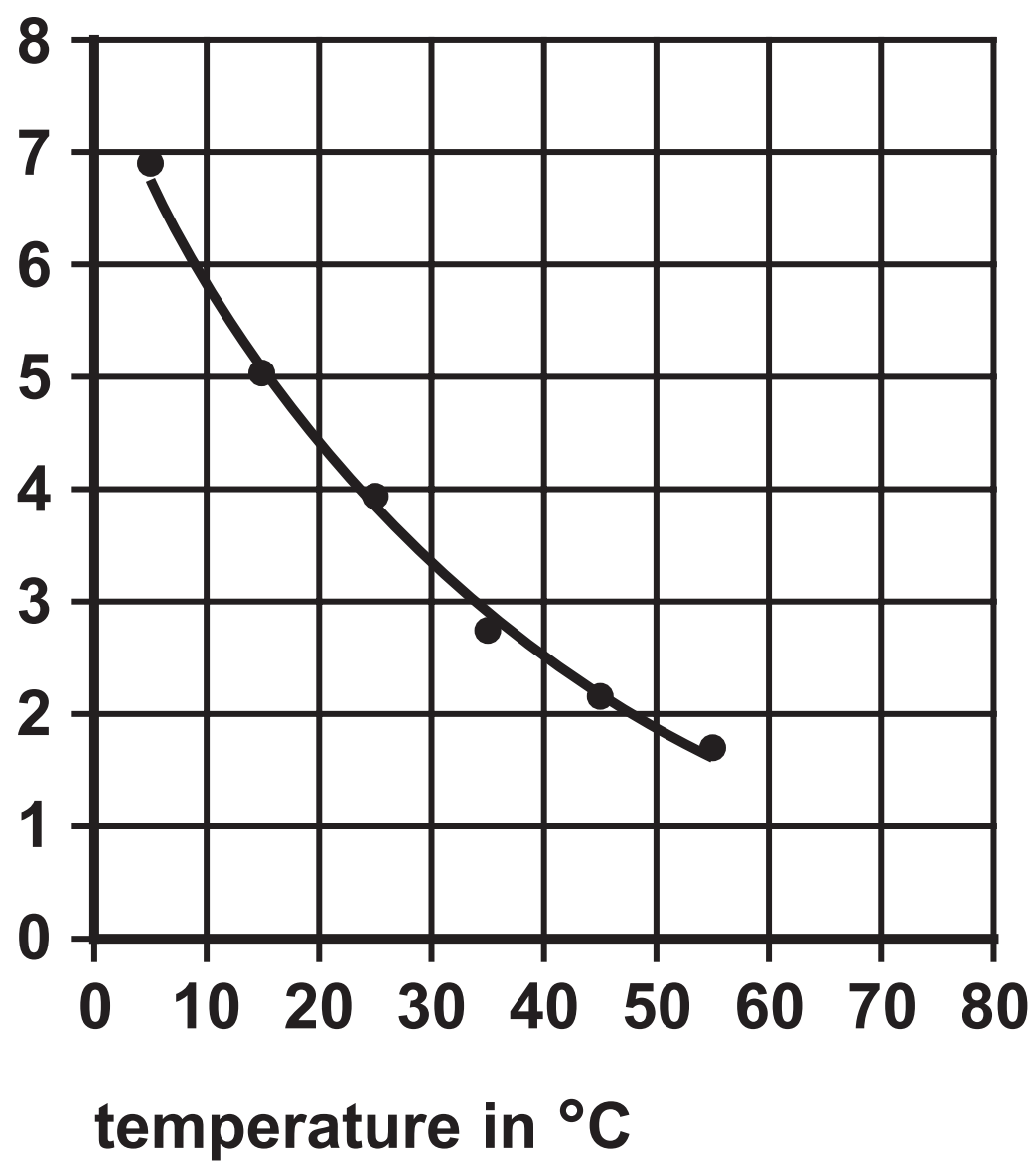
resistance  
in  $\text{k}\Omega$



## Question 5(b)

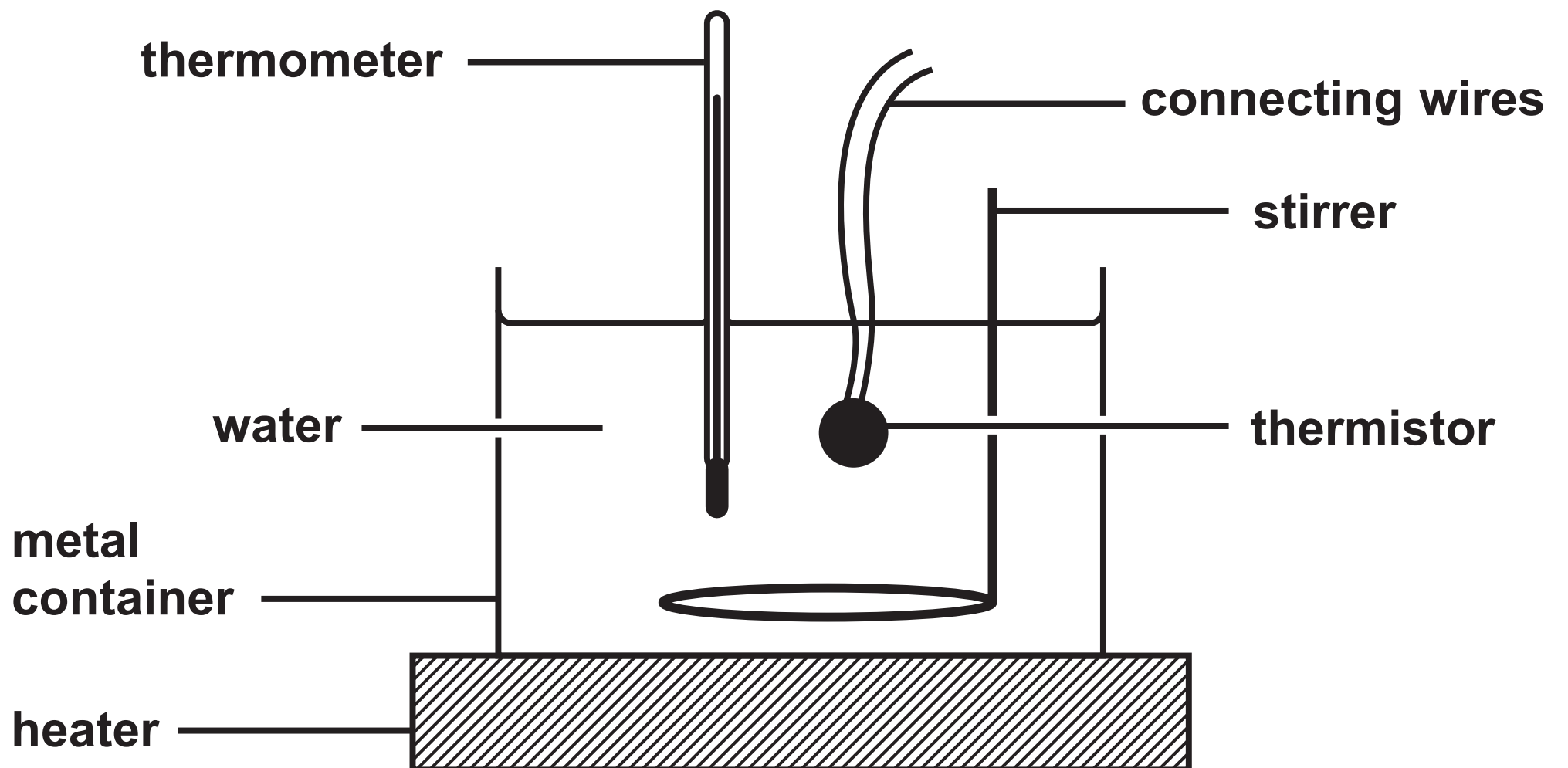
FIGURE 7

resistance  
in  $\text{k}\Omega$



## Question 5(c)(i)

FIGURE 8

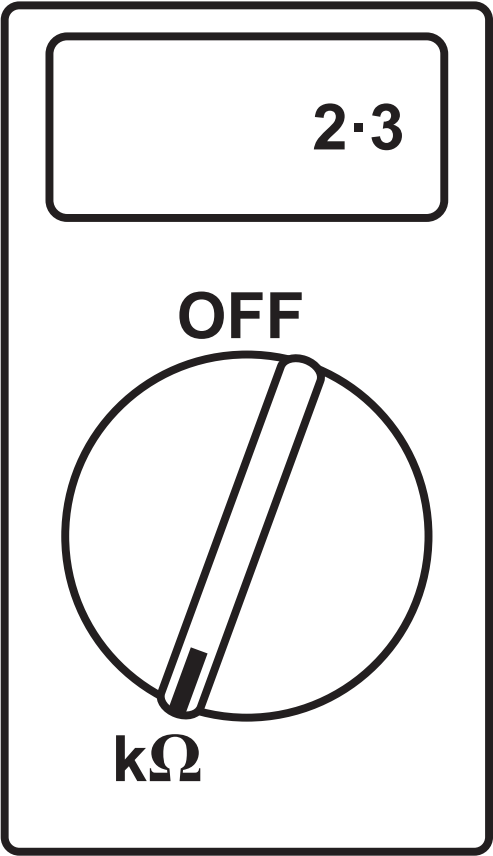


Question 5(c)(ii)

FIGURE 9

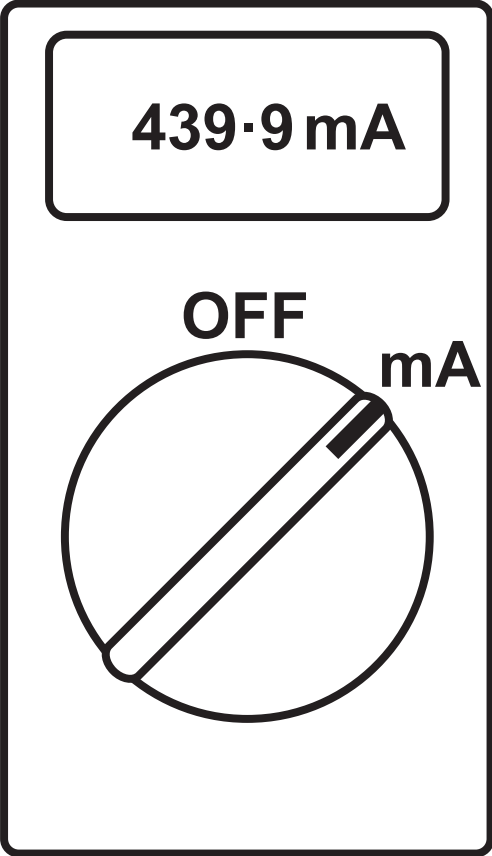
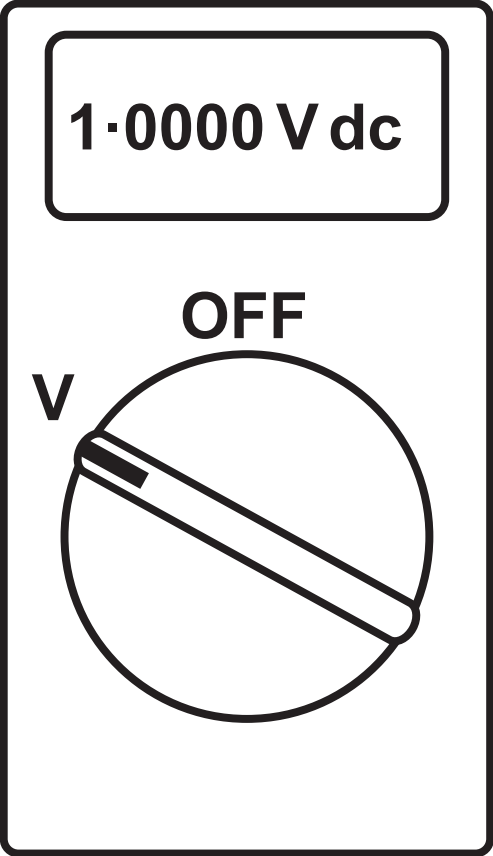
Method 1

using an ohmmeter



Method 2

using an ammeter and voltmeter



Question 6(b)

FIGURE 10

