

Paper Reference(s) 4PH1/1PR 4SD0/1PR
Pearson Edexcel International GCSE (9–1)

Physics

UNIT: 4PH1

Science (Double Award) 4SD0

PAPER: 1PR

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 2(a)

Electromagnetic wave

infrared

radio

ultraviolet

x-ray

visible light

Use

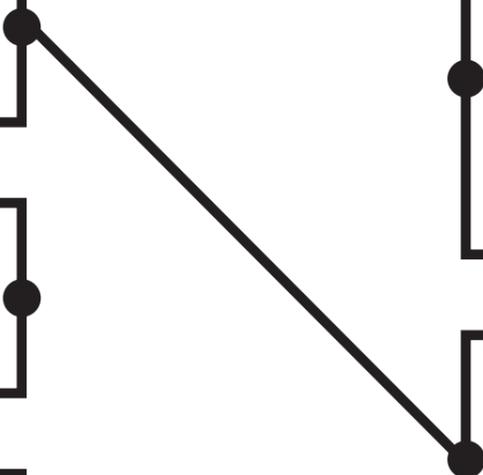
detecting broken bones inside the body

detecting forged banknotes using fluorescent lamps

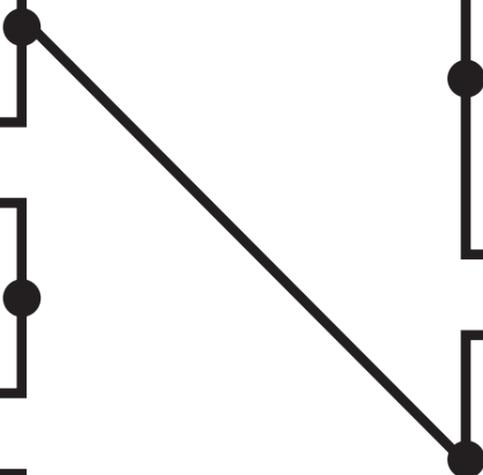
television broadcasts

human vision

cooking food

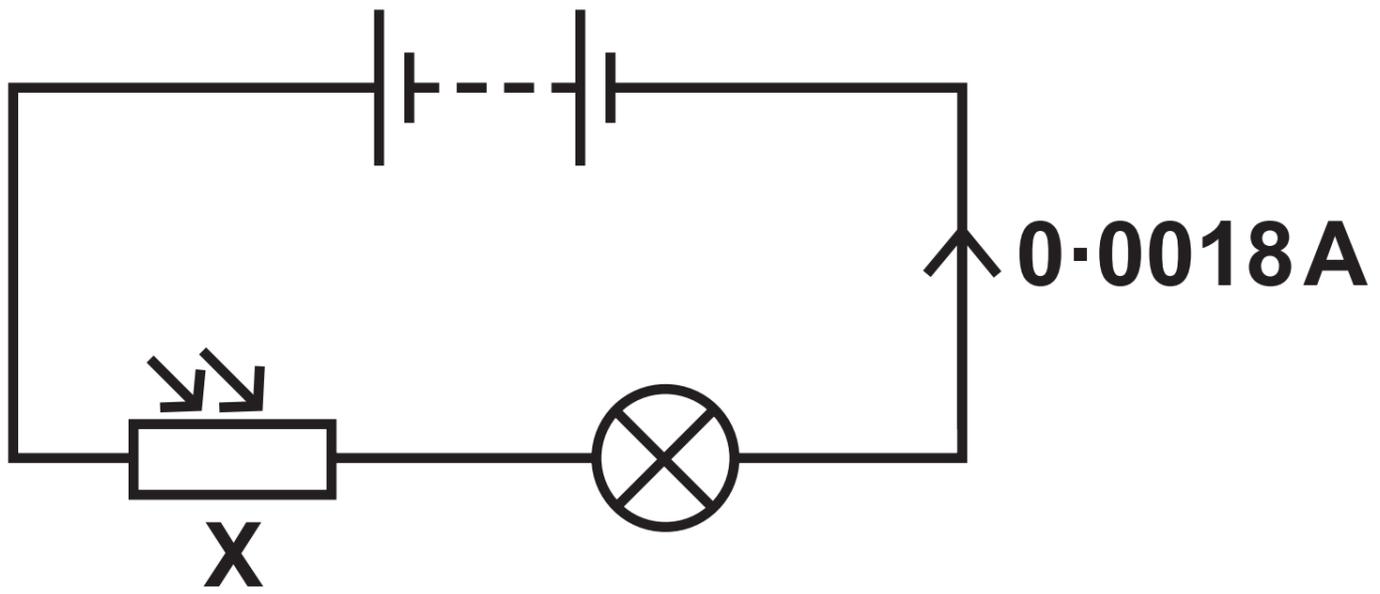


Question 2(a)

**Electromagnetic
wave****infrared****radio****ultraviolet****x-ray****visible light****Use****detecting broken
bones inside
the body****detecting forged
banknotes using
fluorescent lamps****television
broadcasts****human vision****cooking food**

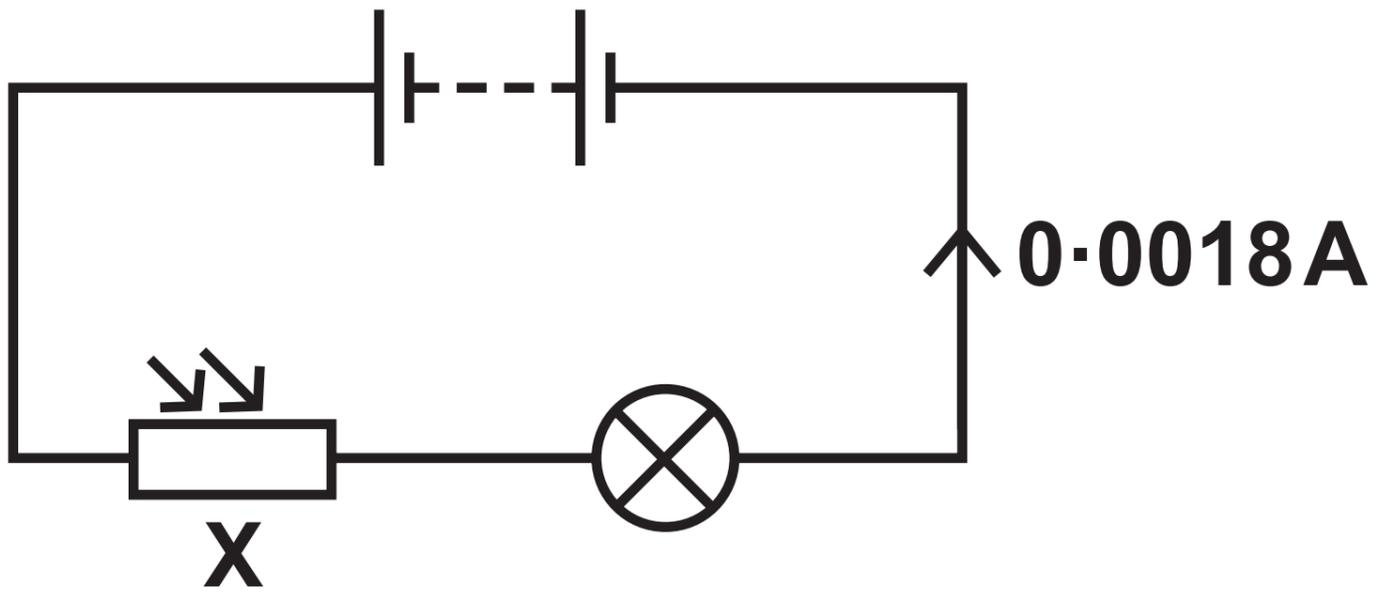
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Question 3

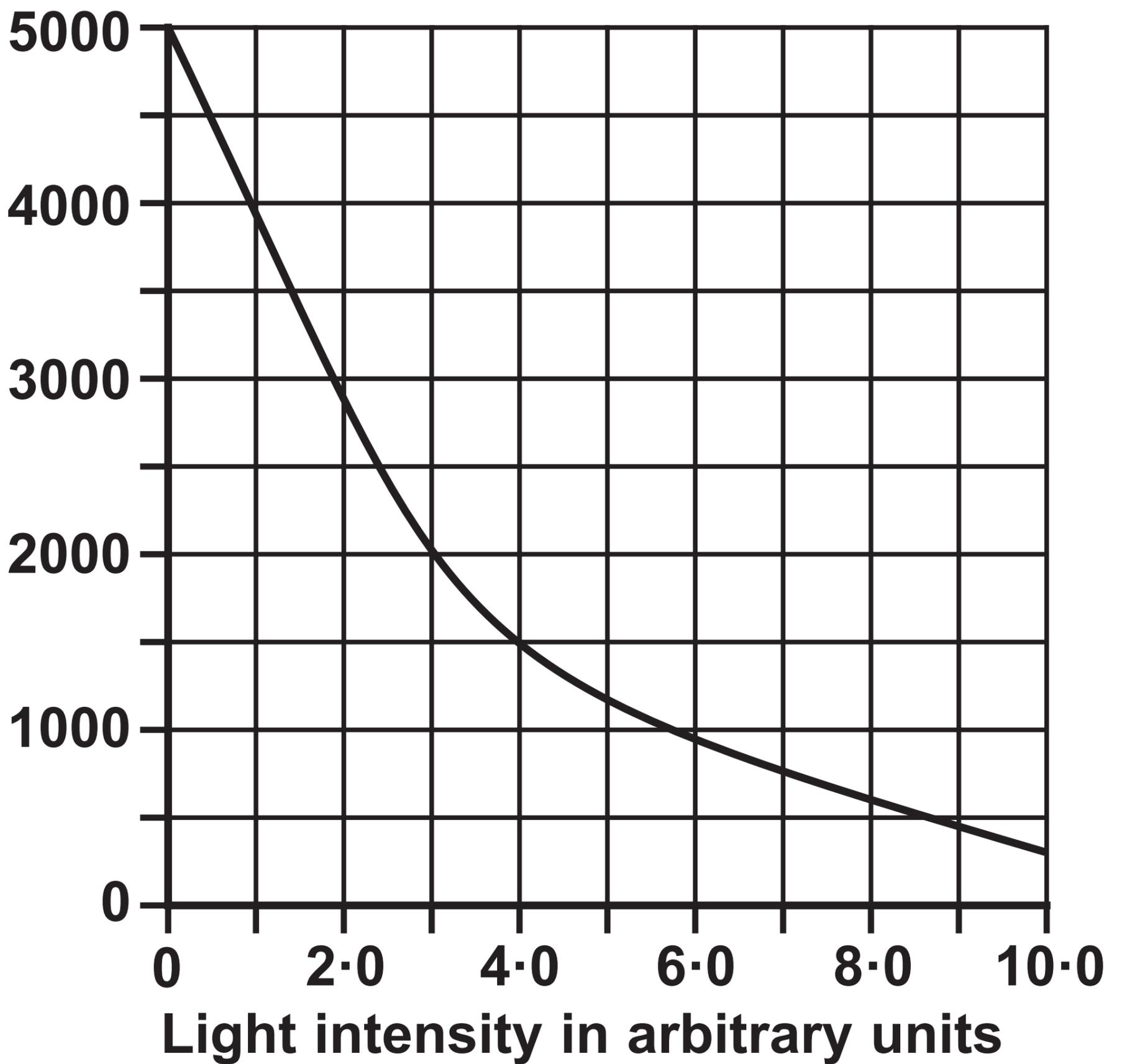


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Question 3



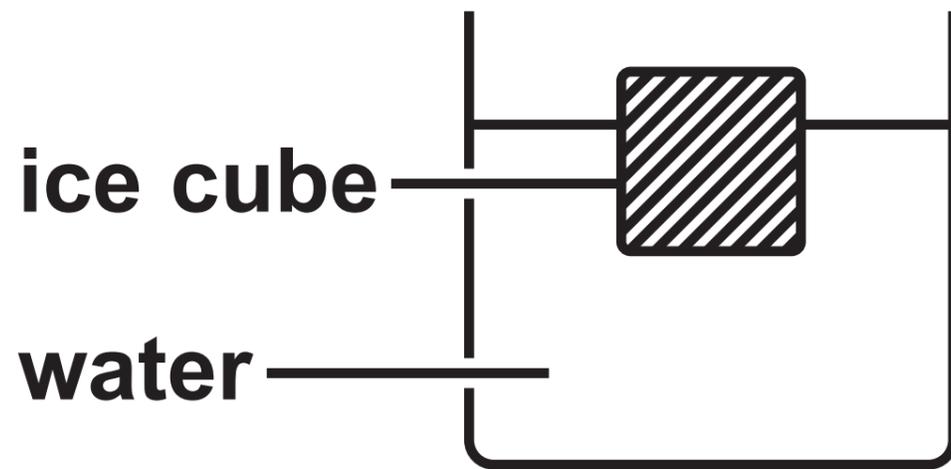
Question 3(b)

Resistance in Ω 

10

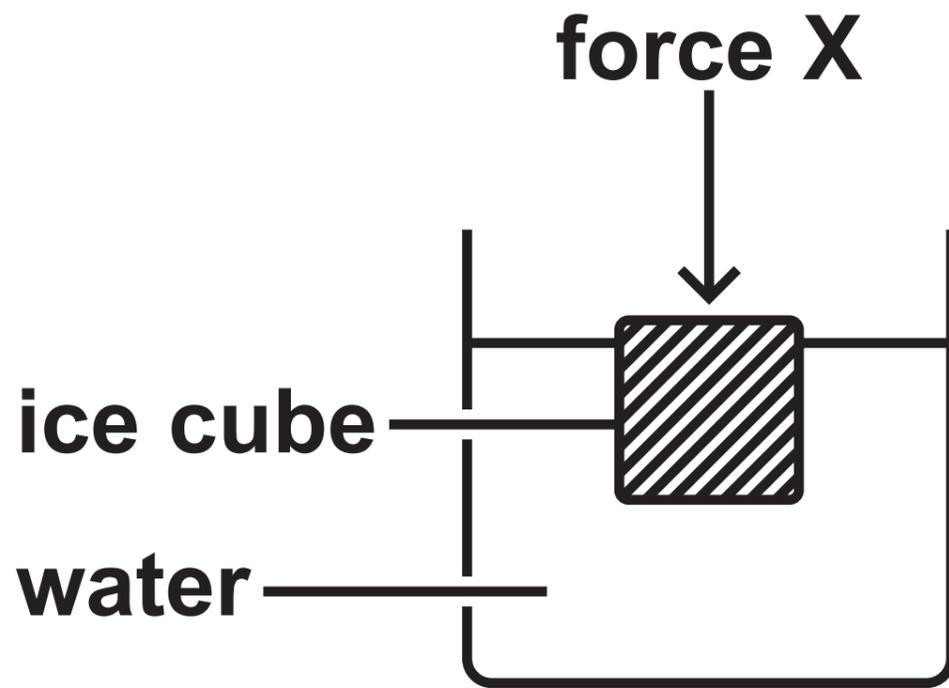
Question 4(a)

DIAGRAM 1



Question 4(b)

DIAGRAM 2



Question 5(a)

TABLE 2

Coolest	→			Hottest
				Rigel

Question 5(a)

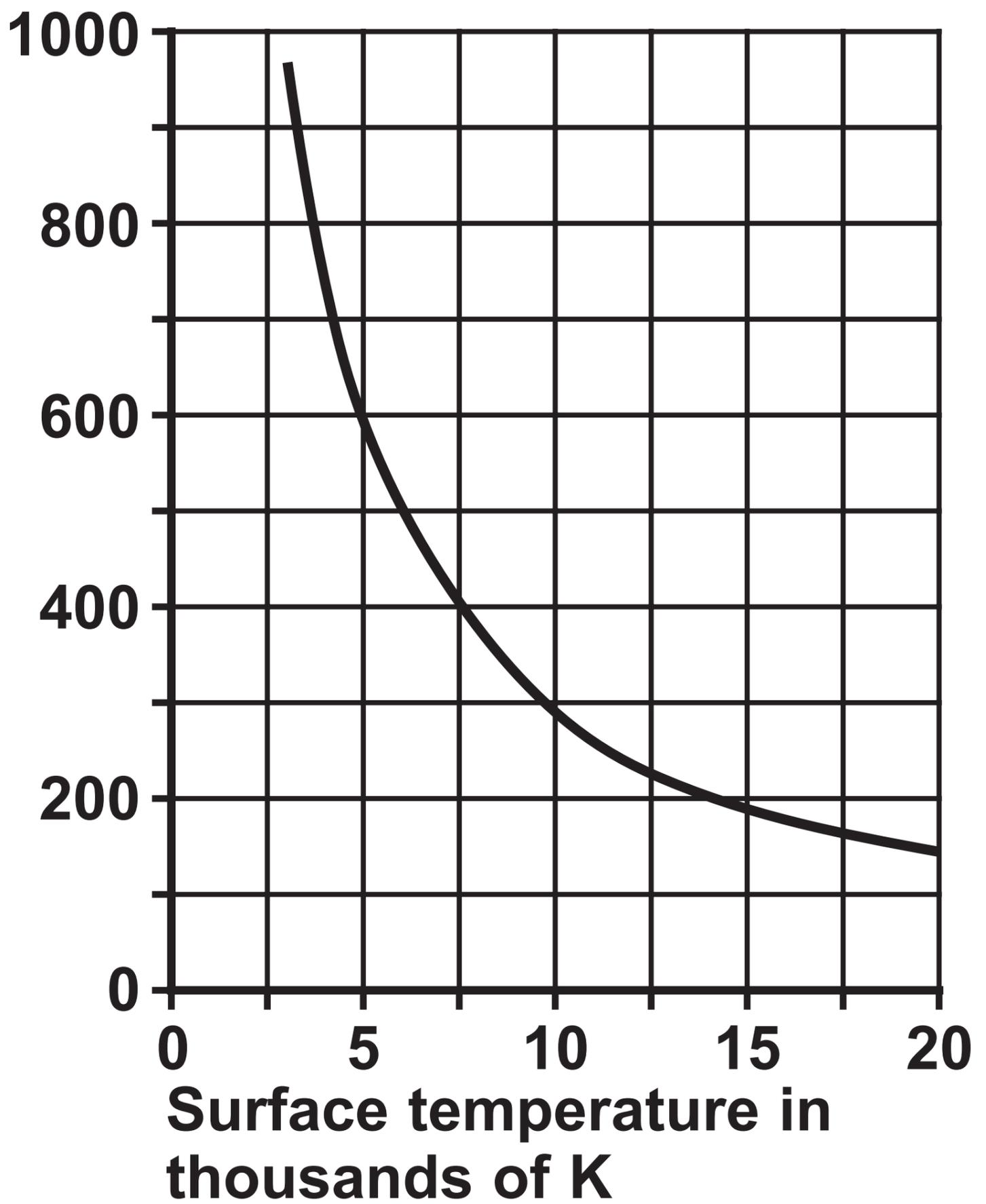
TABLE 2

Coolest	→			Hottest
				Rigel

14

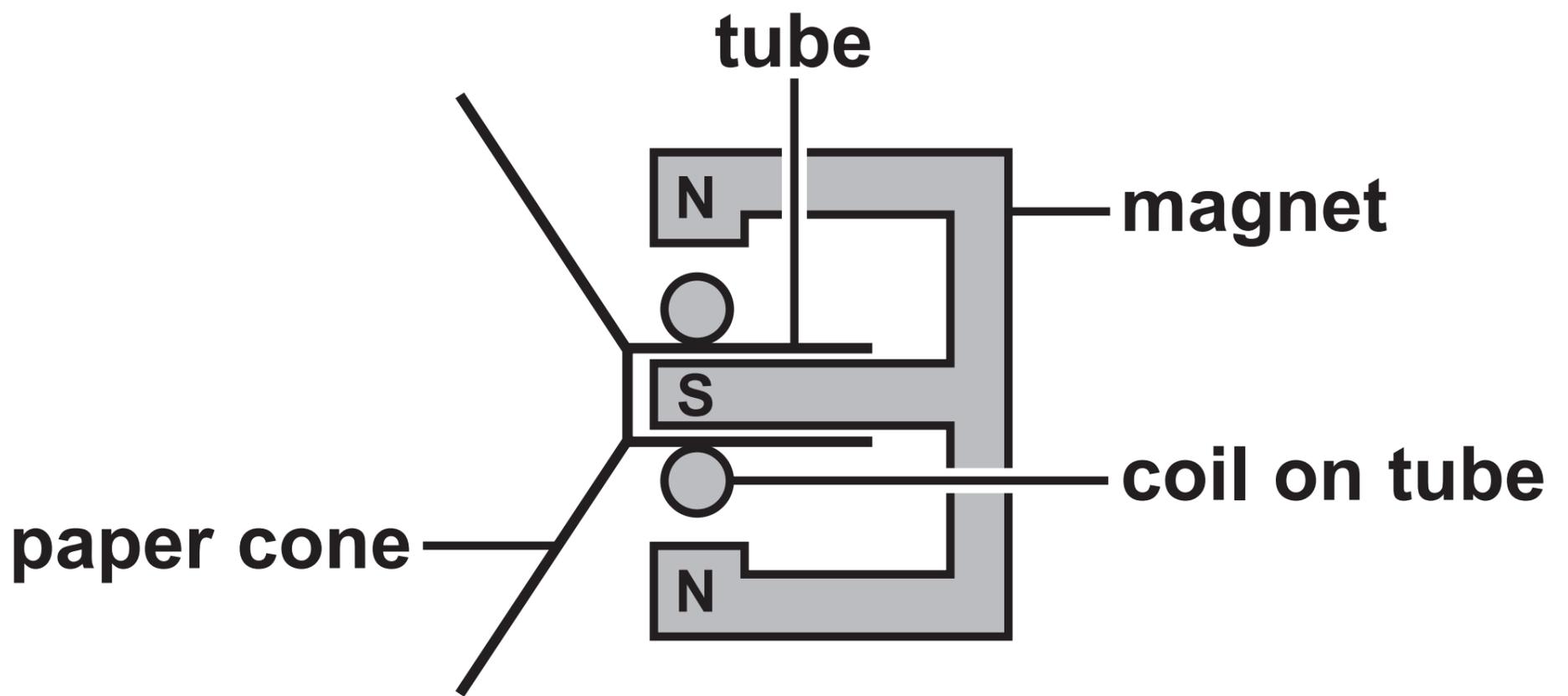
Question 5(c)

Peak wavelength in nm



Question 6(a)

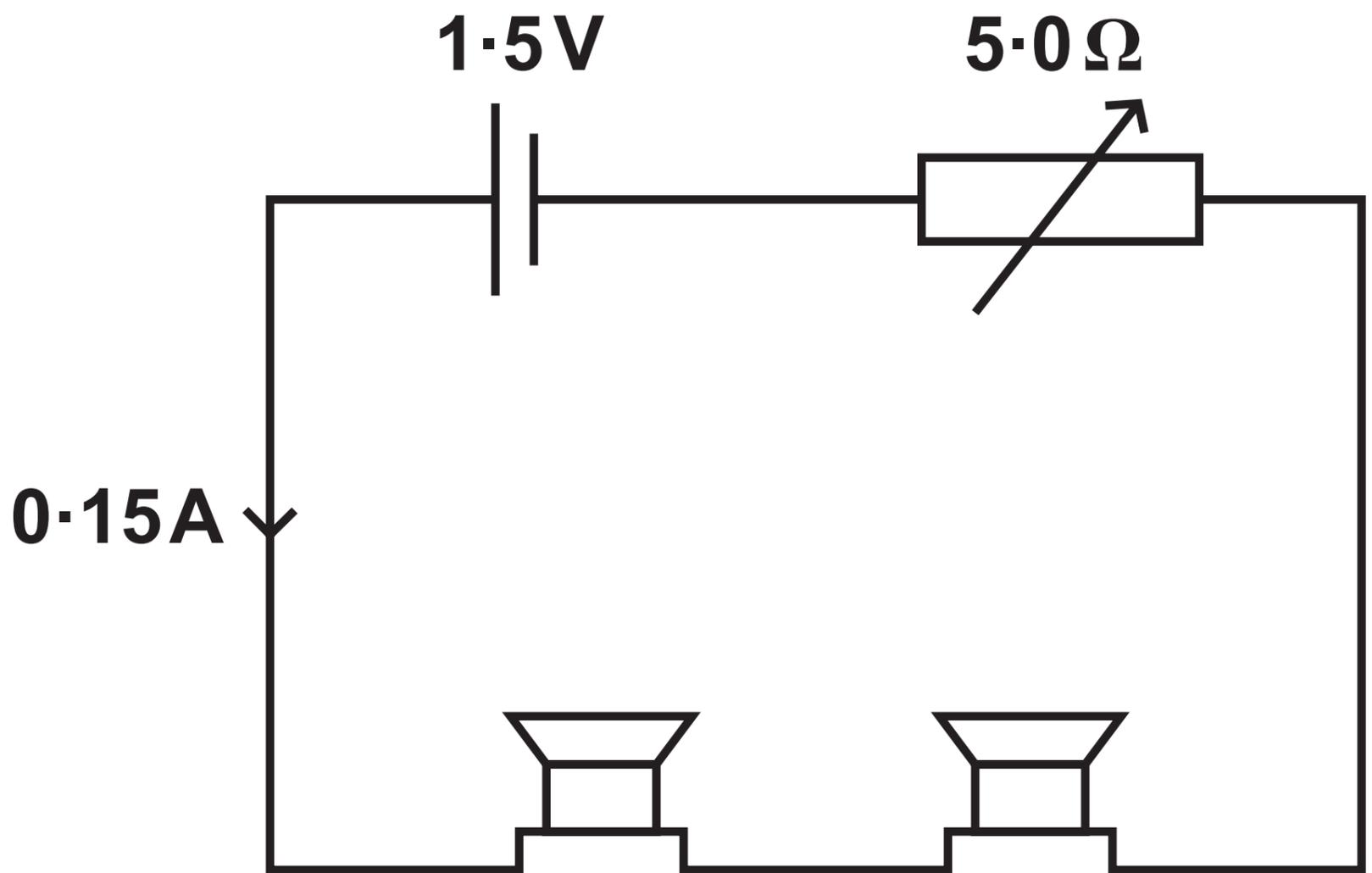
DIAGRAM 1



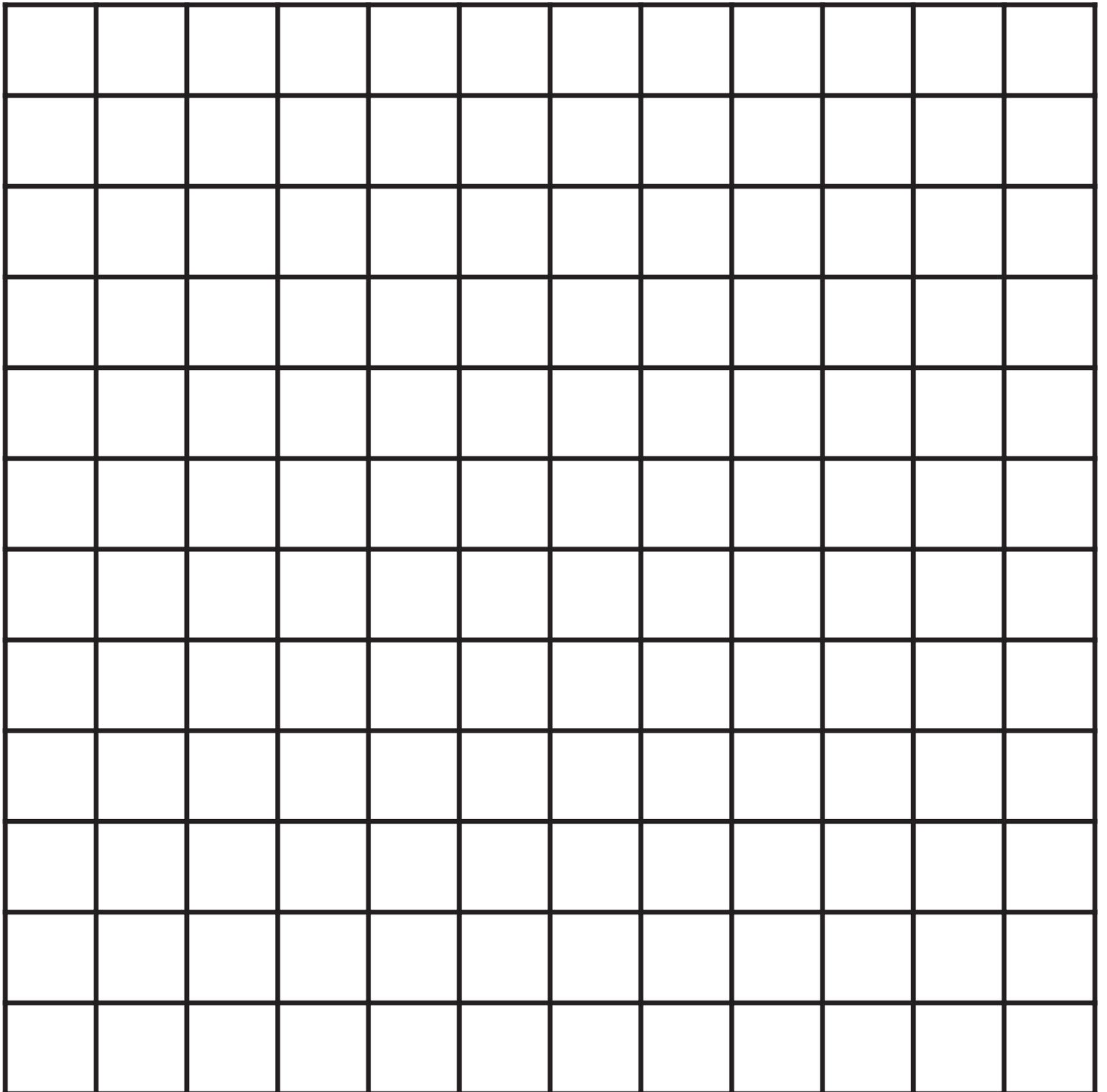
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Question 6(b)

DIAGRAM 2



Question 6(b)(ii)



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Question 6(c)

DIAGRAM 3

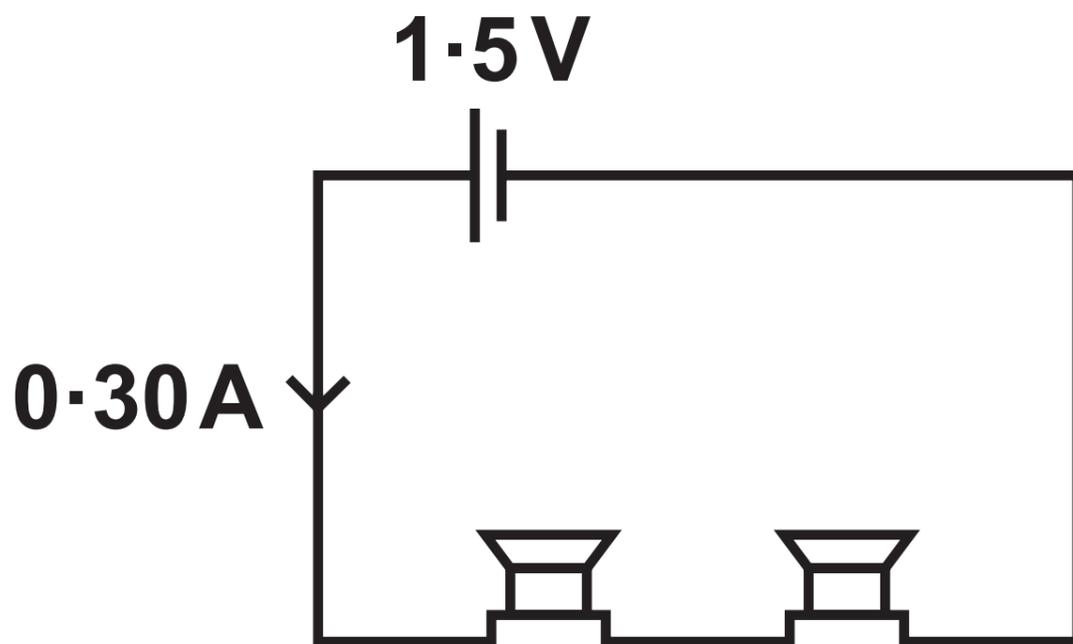
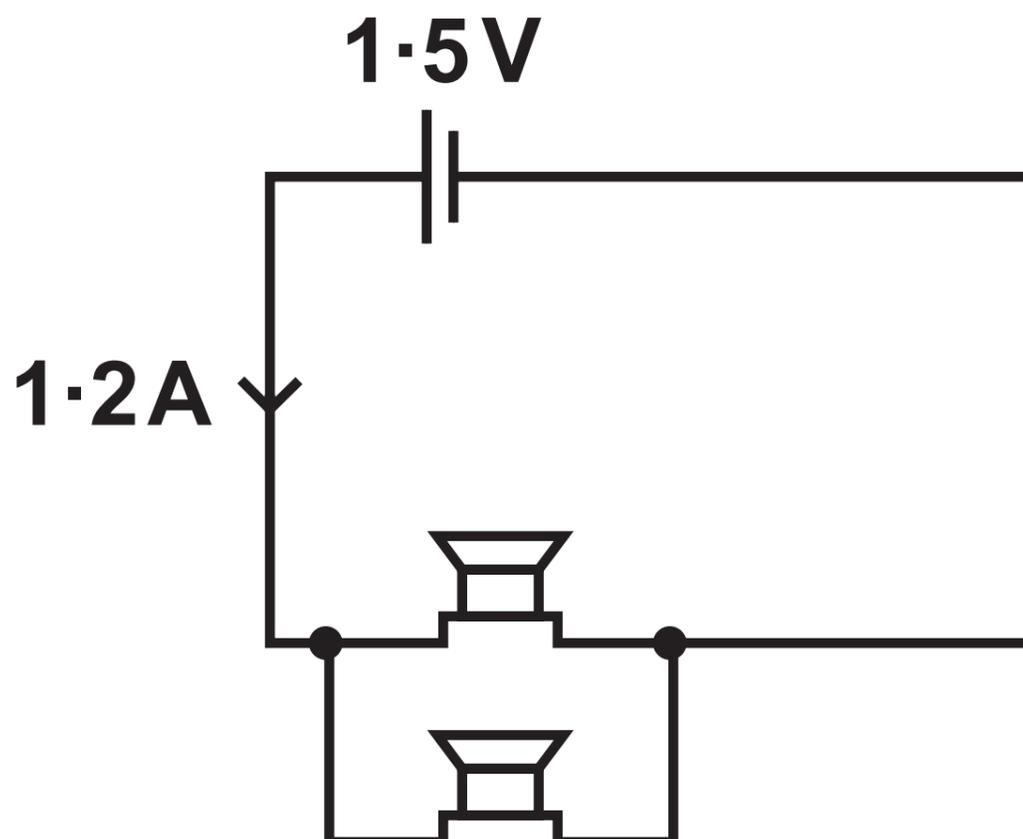
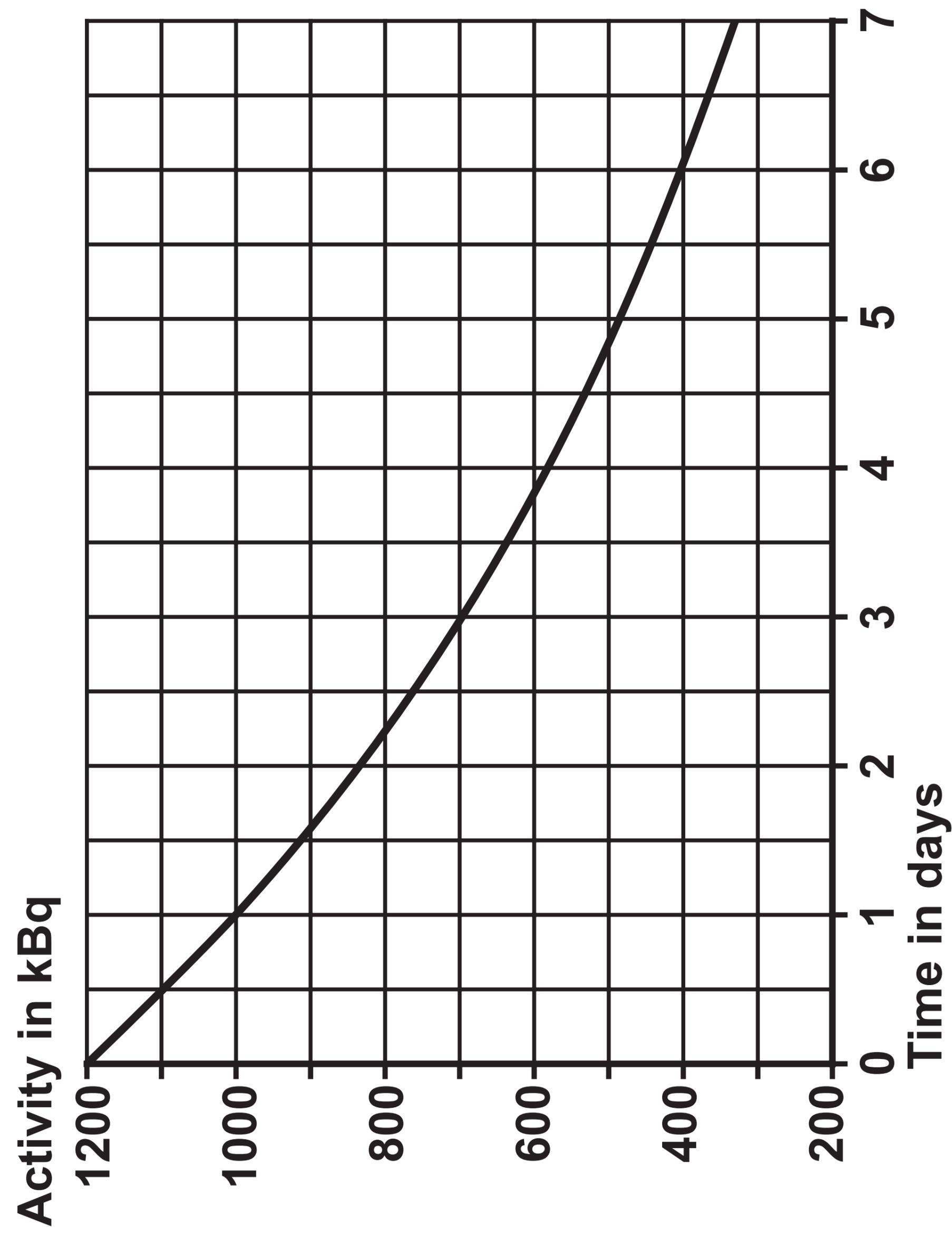


DIAGRAM 4

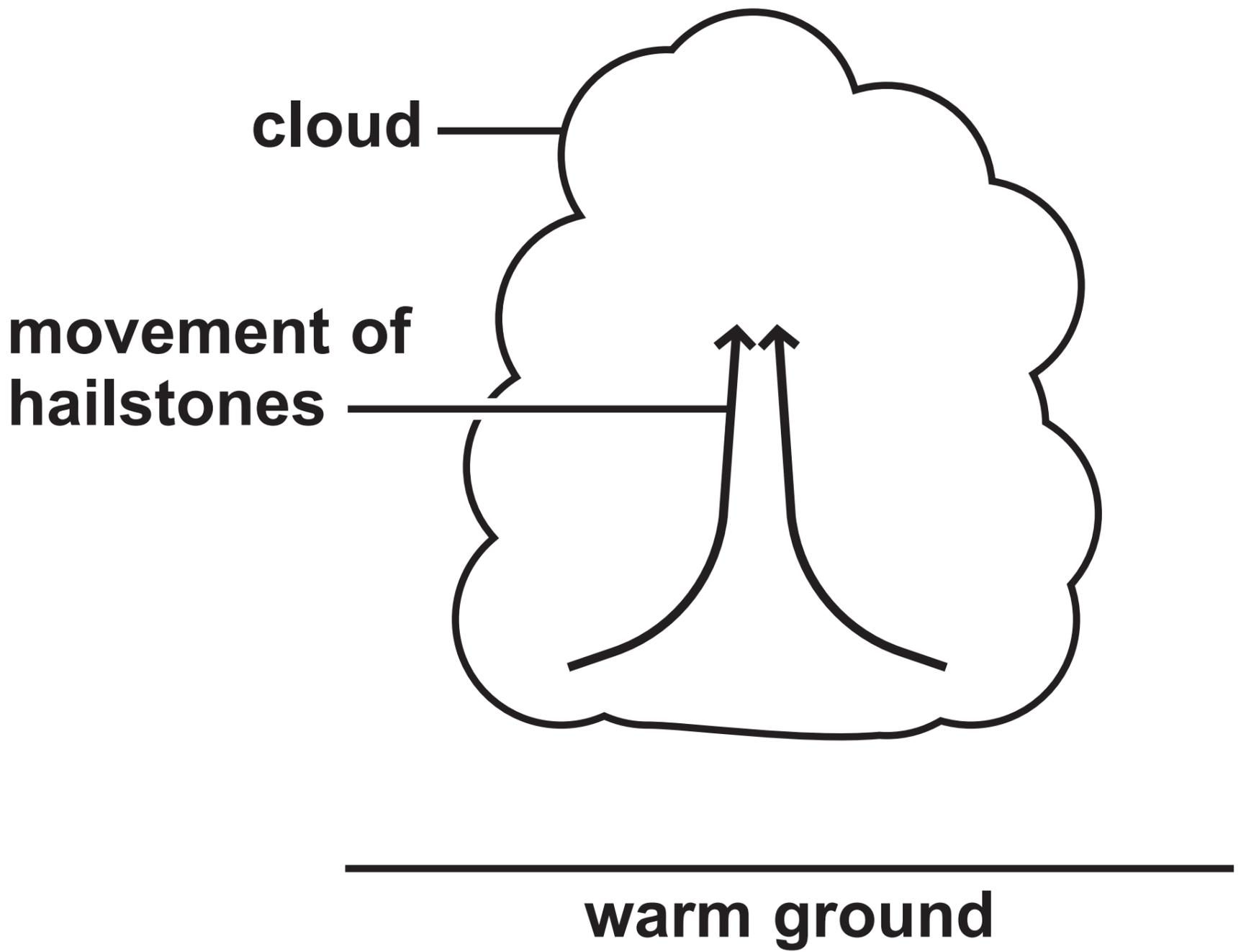


20 Question 7(b)



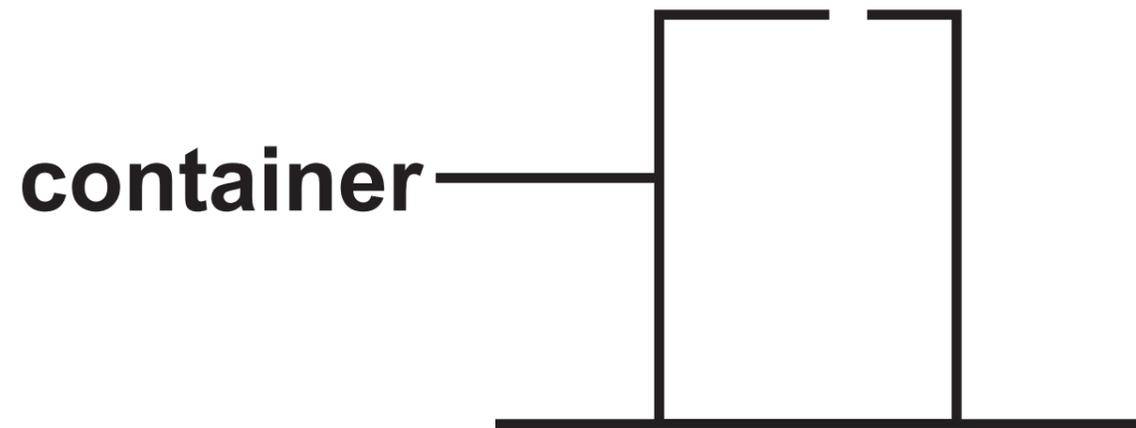
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Question 8(b)

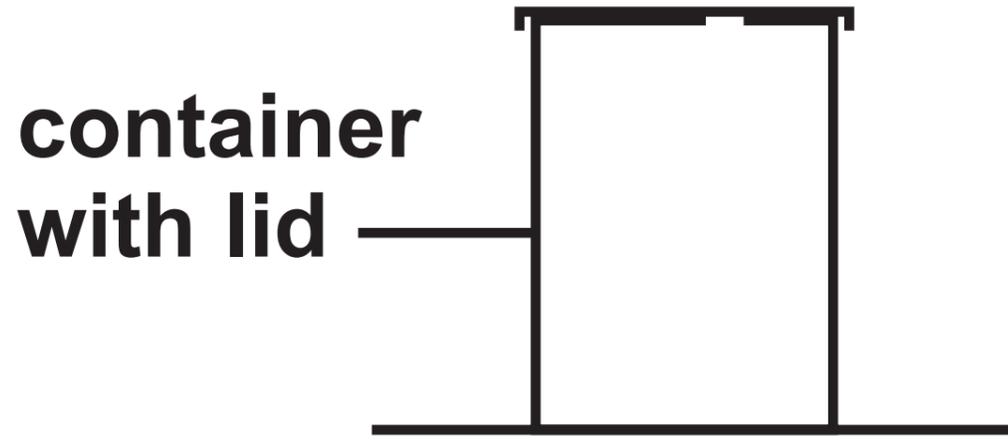


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Question 9



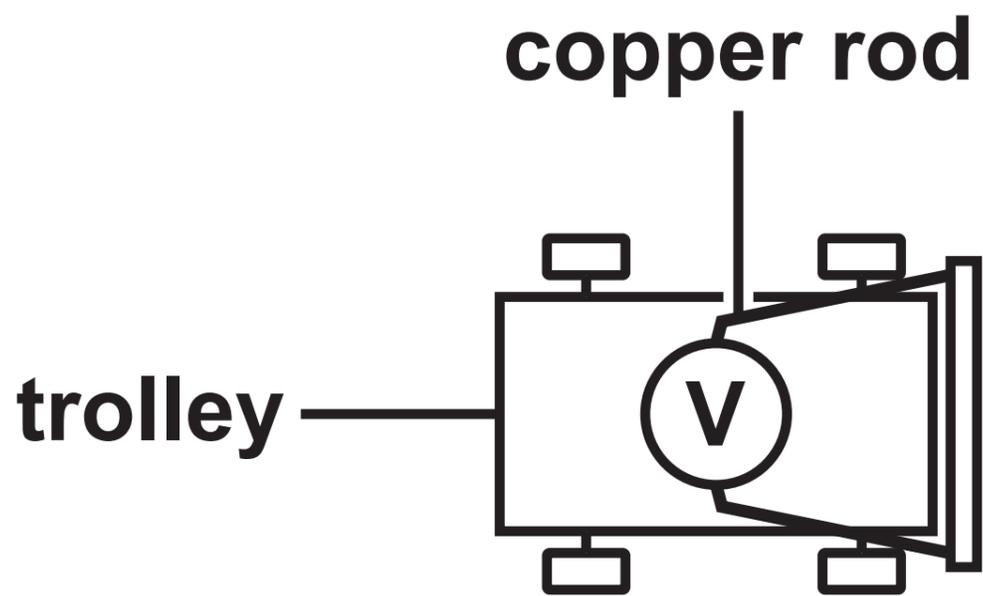
Question 9(c)



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Question 10

DIAGRAM 1

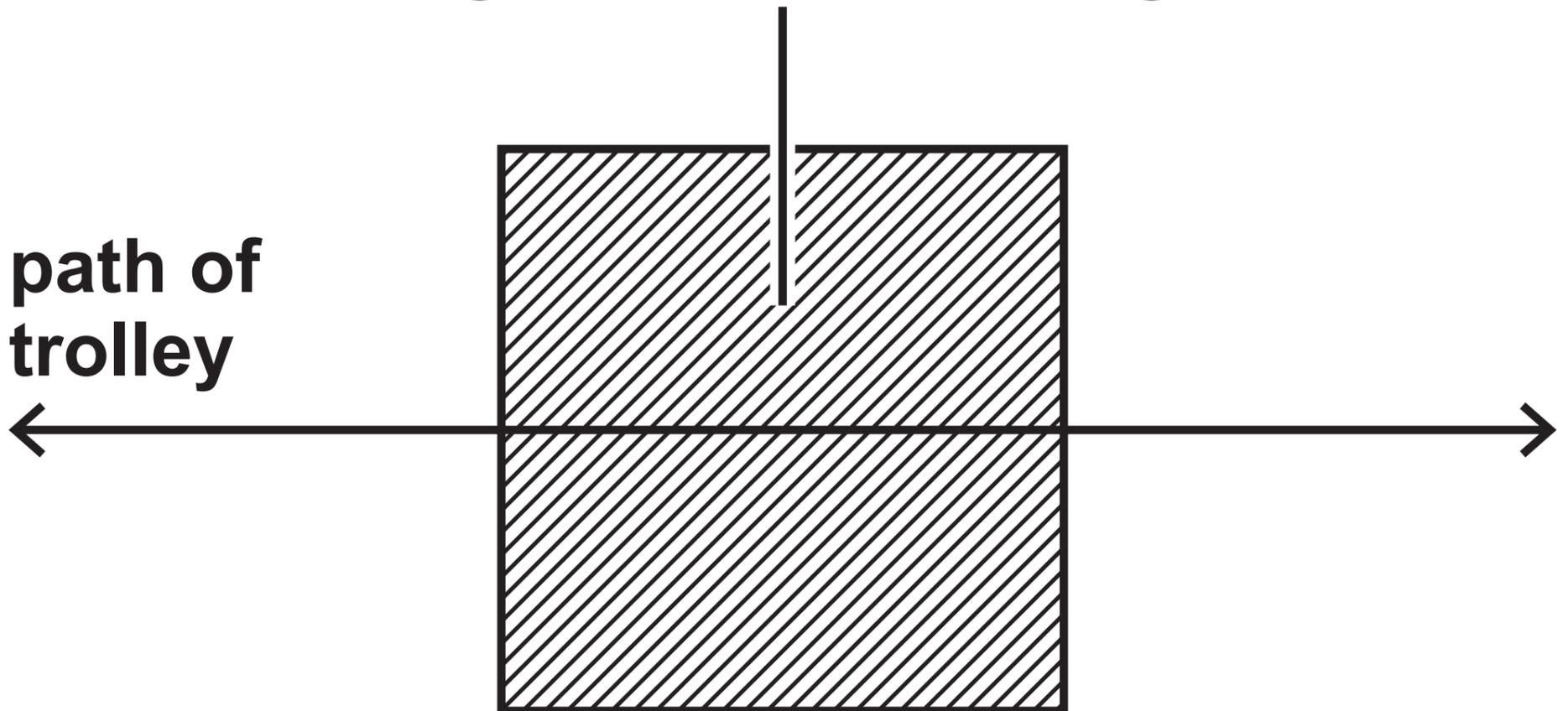


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Question 10(a)

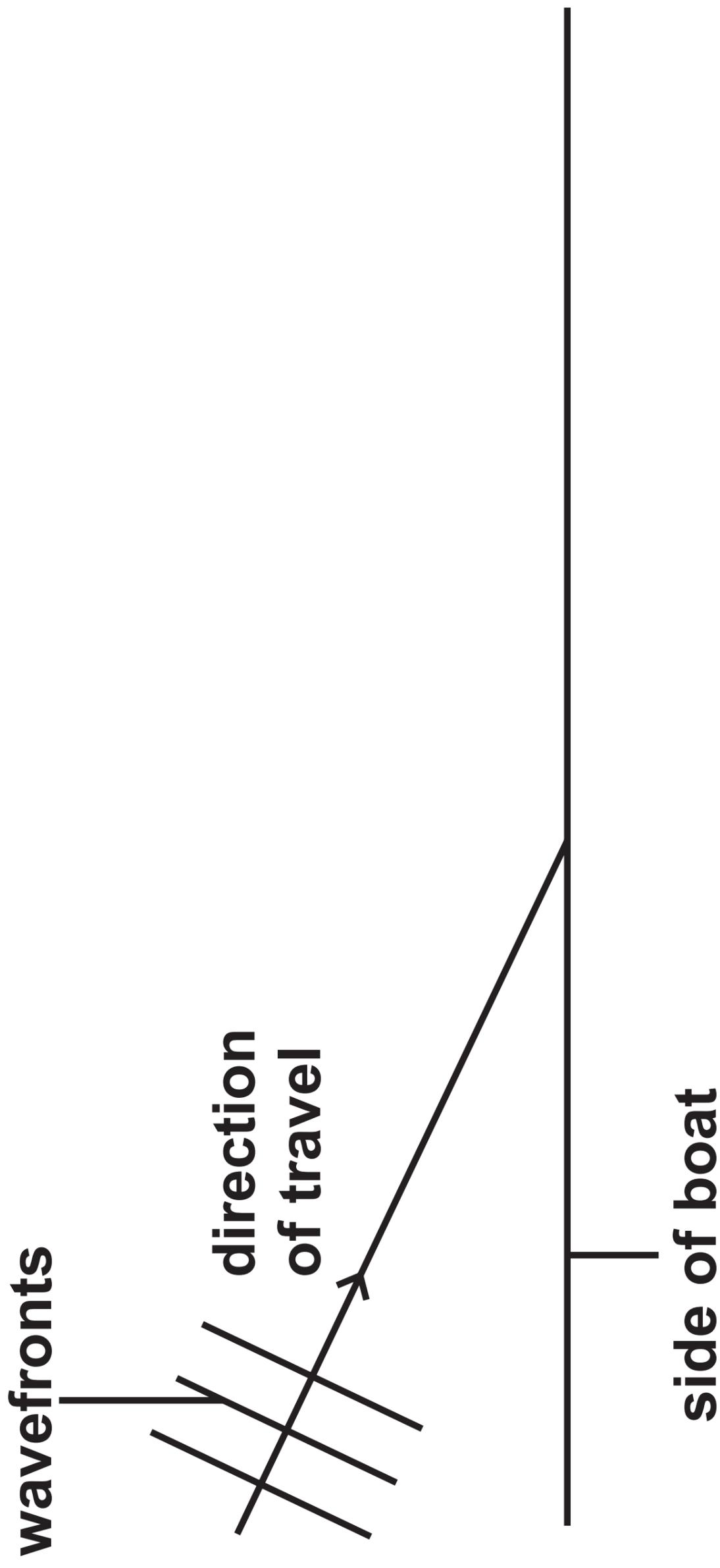
DIAGRAM 2

magnetic field into page



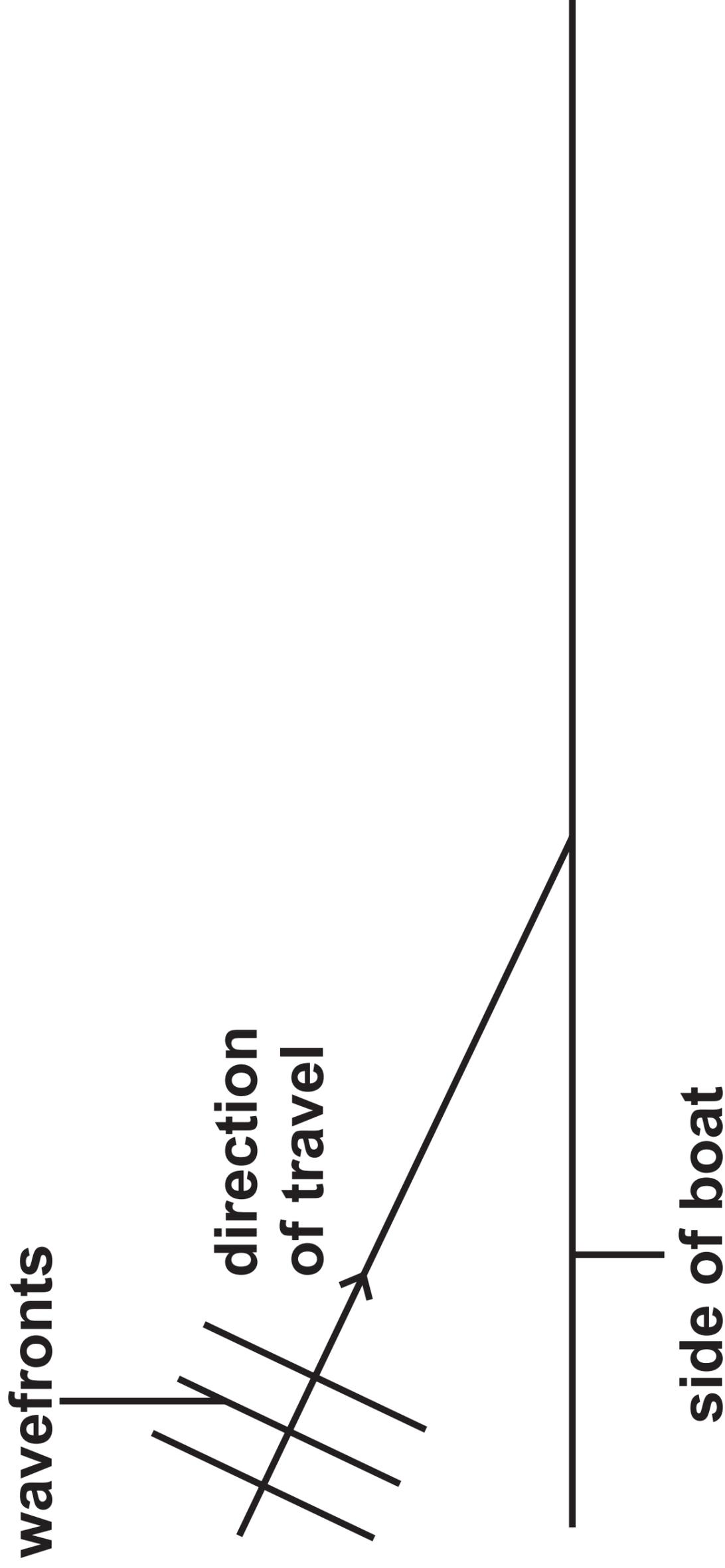
Question 11(a)

DIAGRAM 1



Question 11(a)

DIAGRAM 1



Question 11(b)(ii)

DIAGRAM 2

