

Paper Reference(s) 4PH1/2P
Pearson Edexcel International GCSE (9–1)

Physics
PAPER: 2P

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.

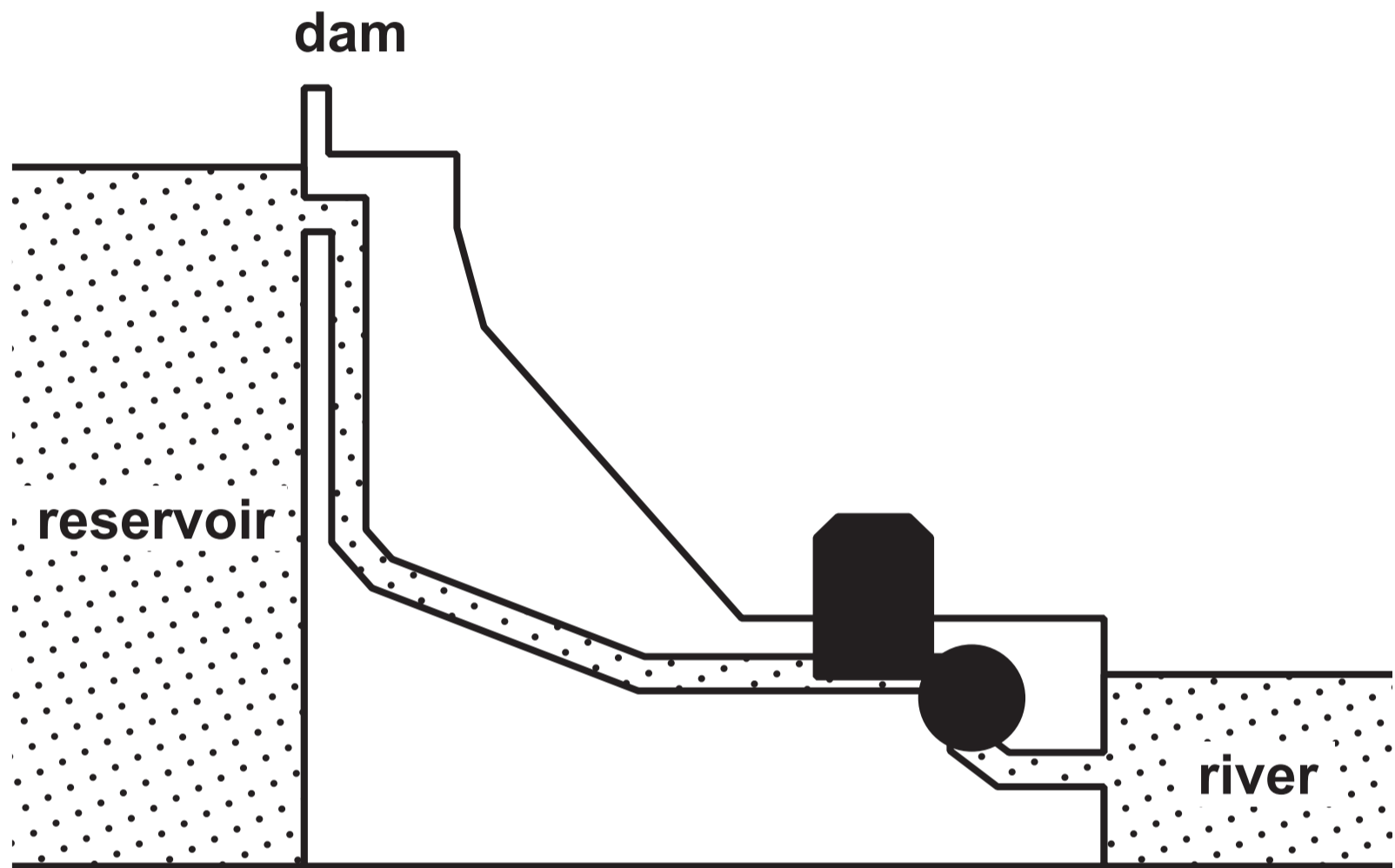
THIS DIAGRAM BOOKLET MUST BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.

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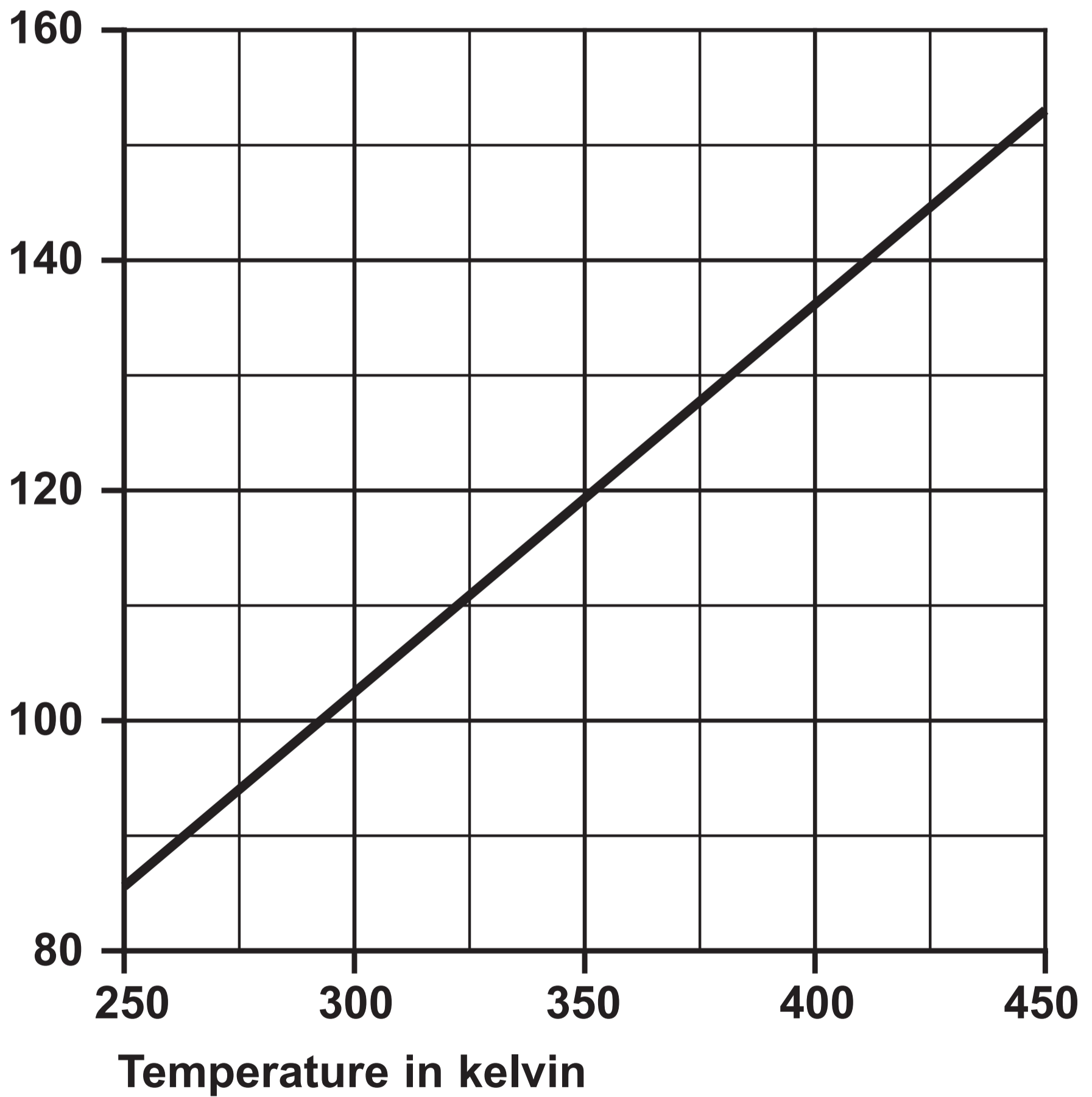
- 4 Question 2
- 5 Question 3(b)
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Question 2

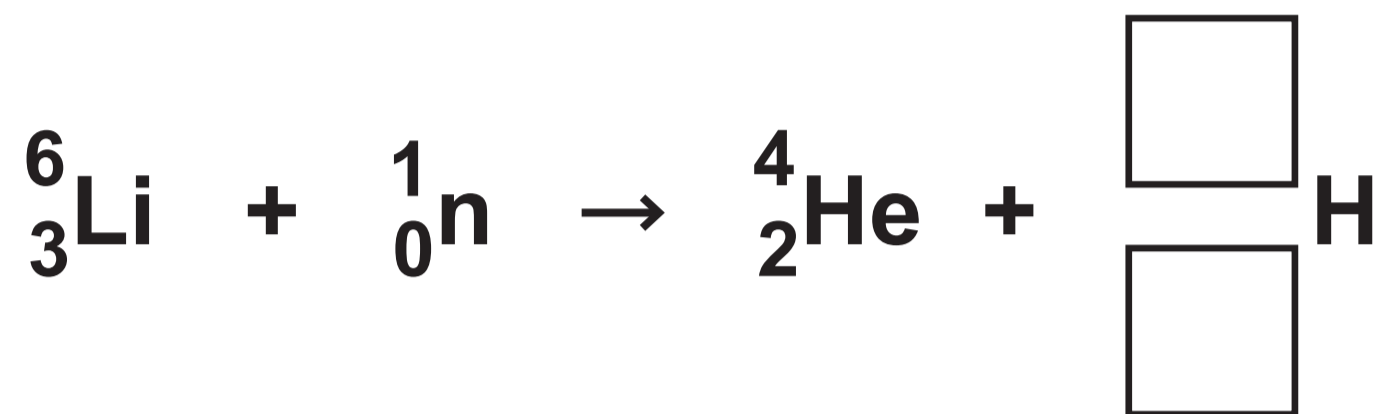


Question 3(b)

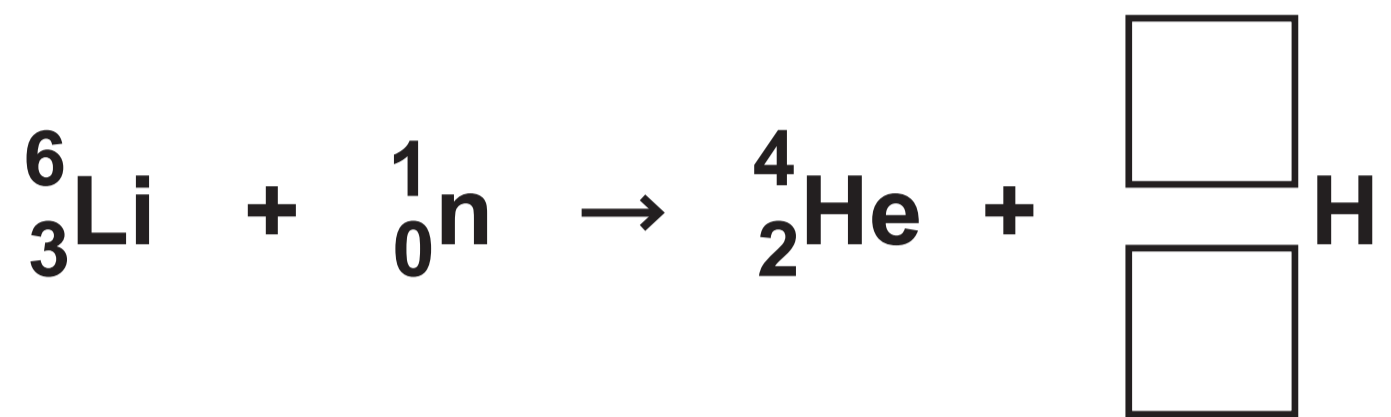
Pressure
in kPa



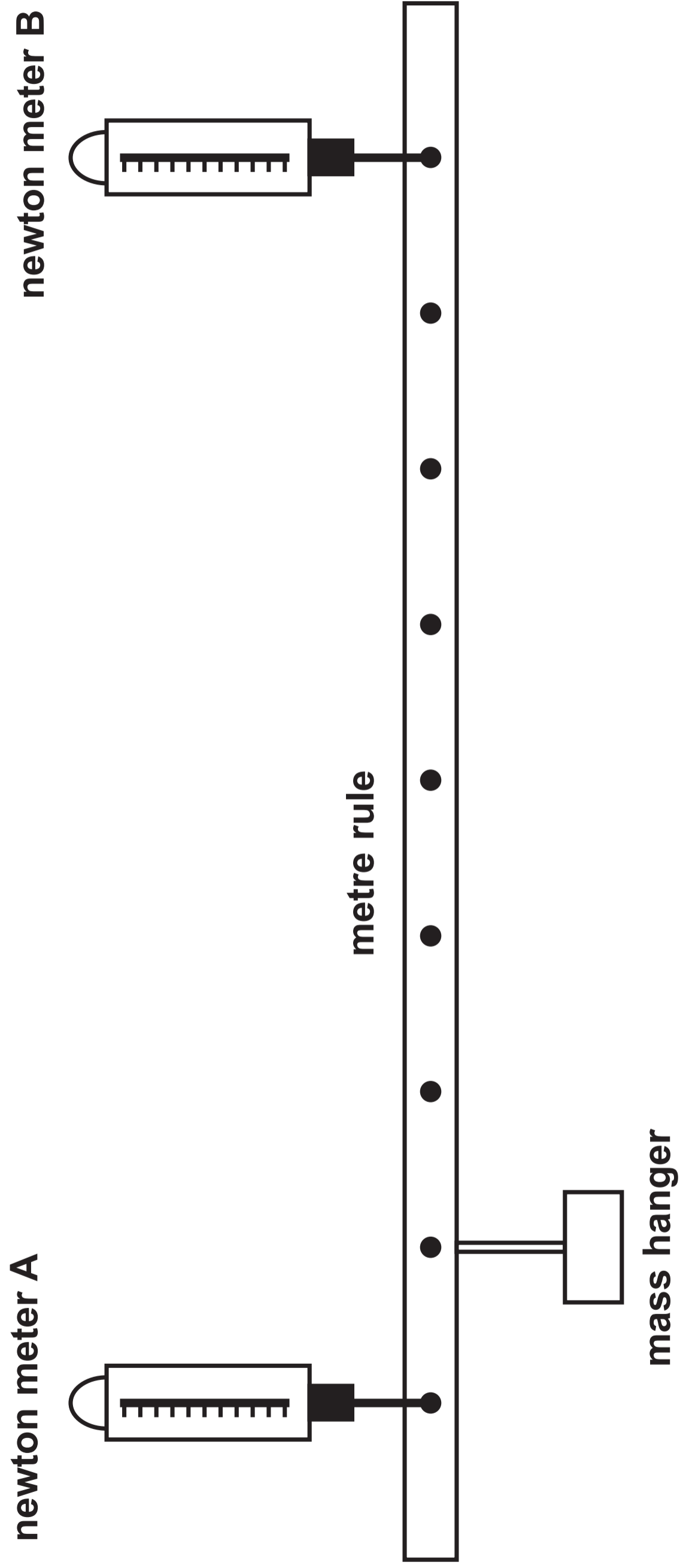
Question 4(a)(i)



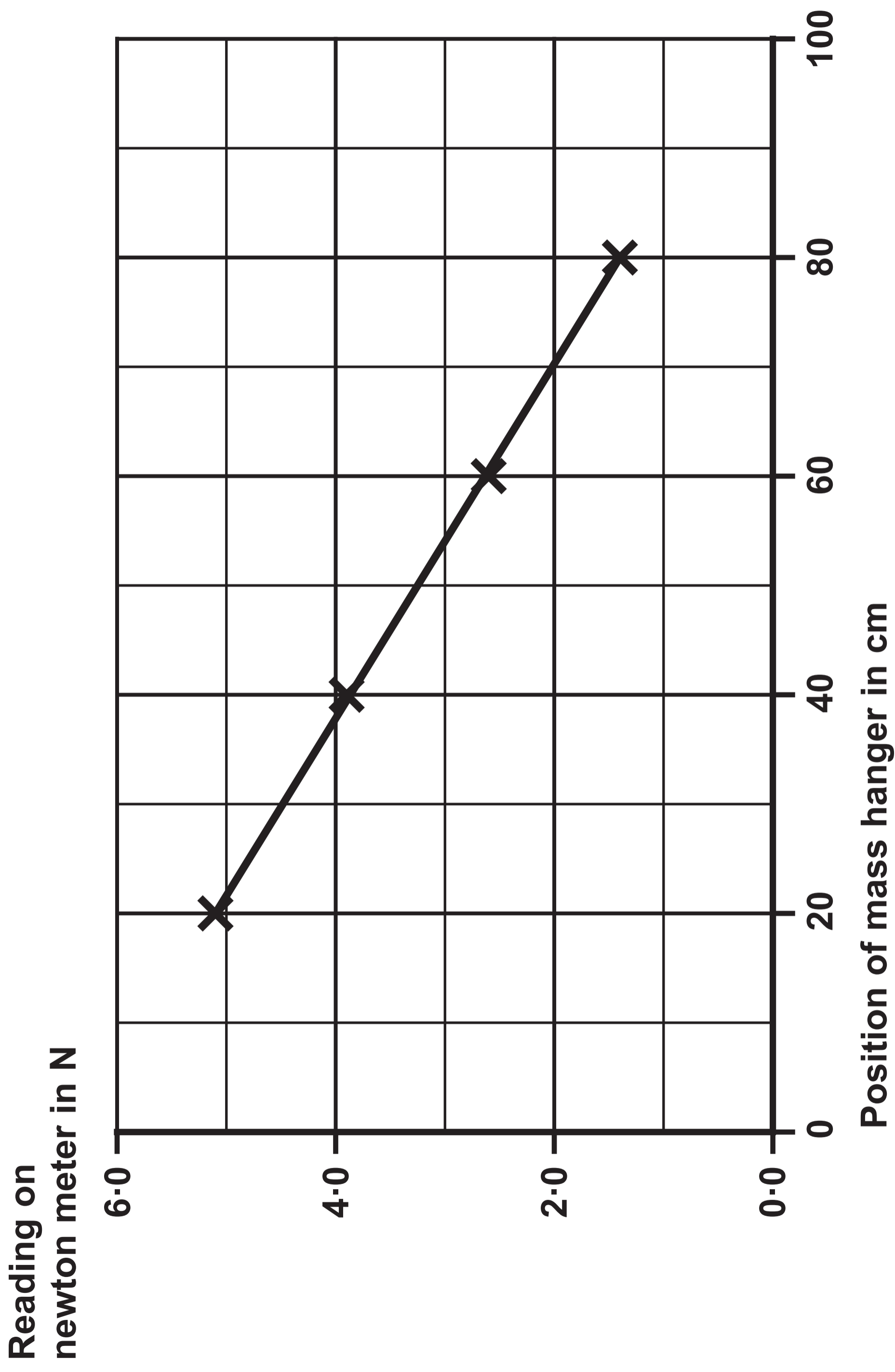
Question 4(a)(i)



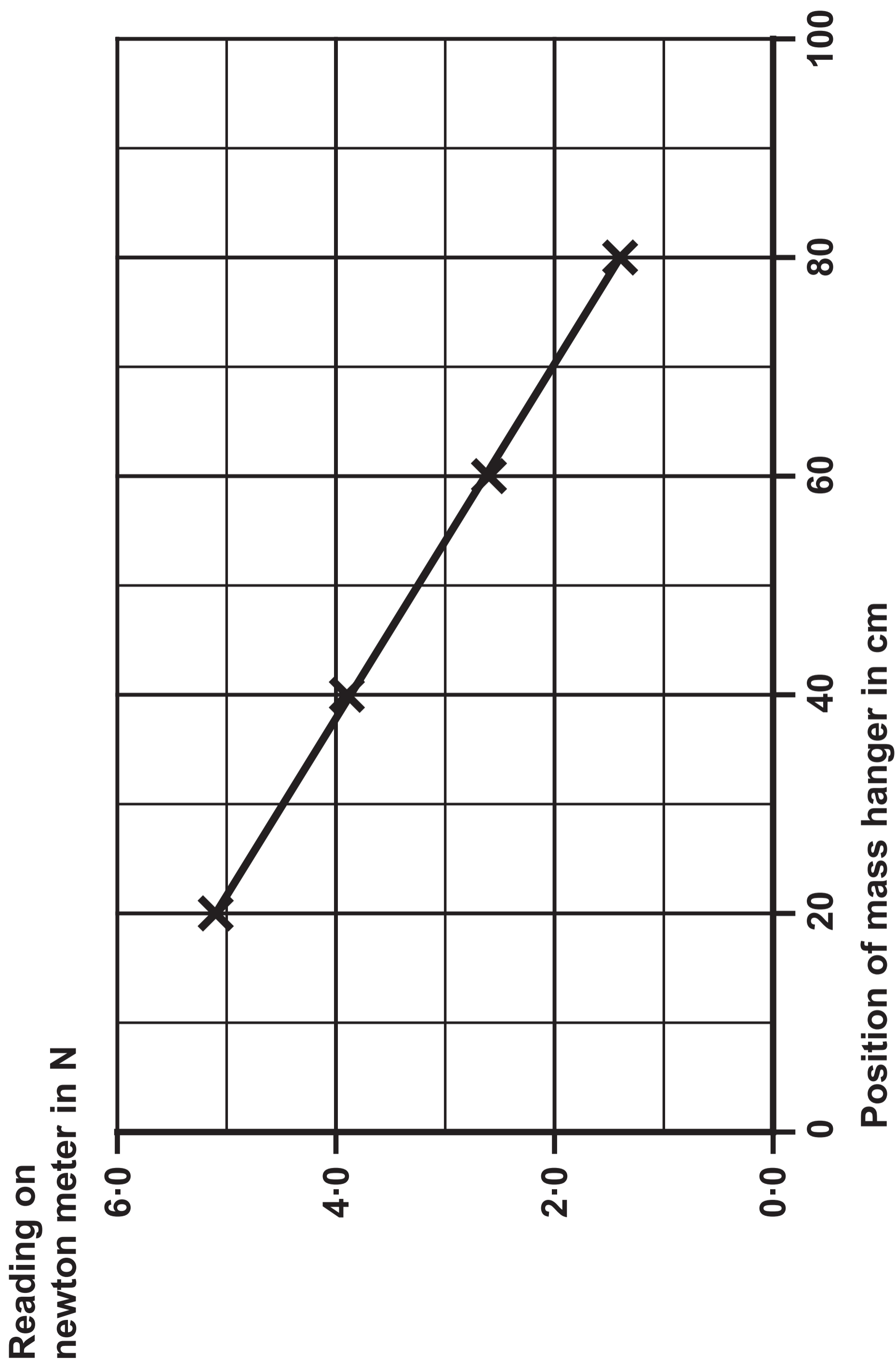
Question 5



Question 5(b)



Question 5(b)



Question 6(a)

DIAGRAM 1

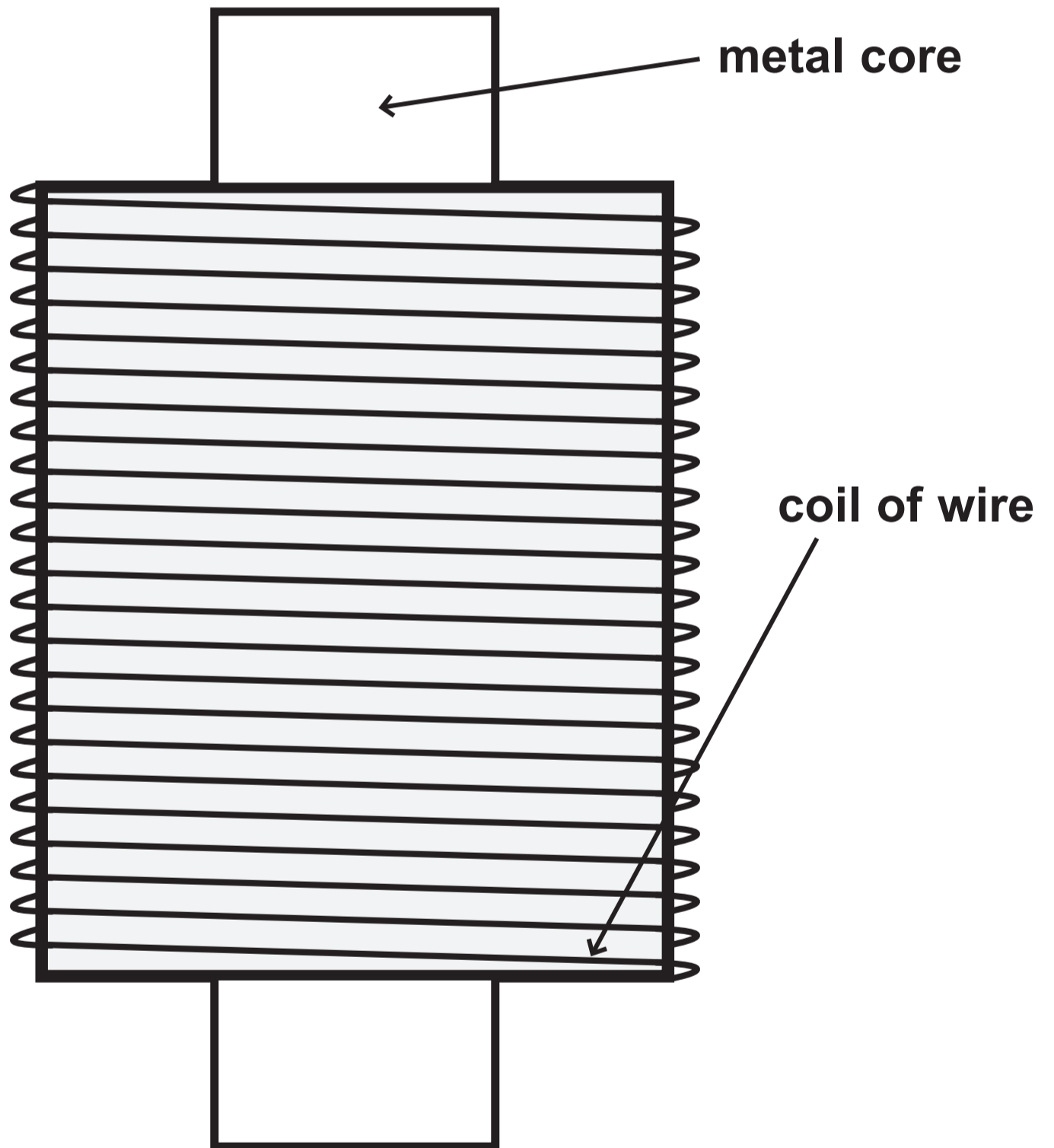
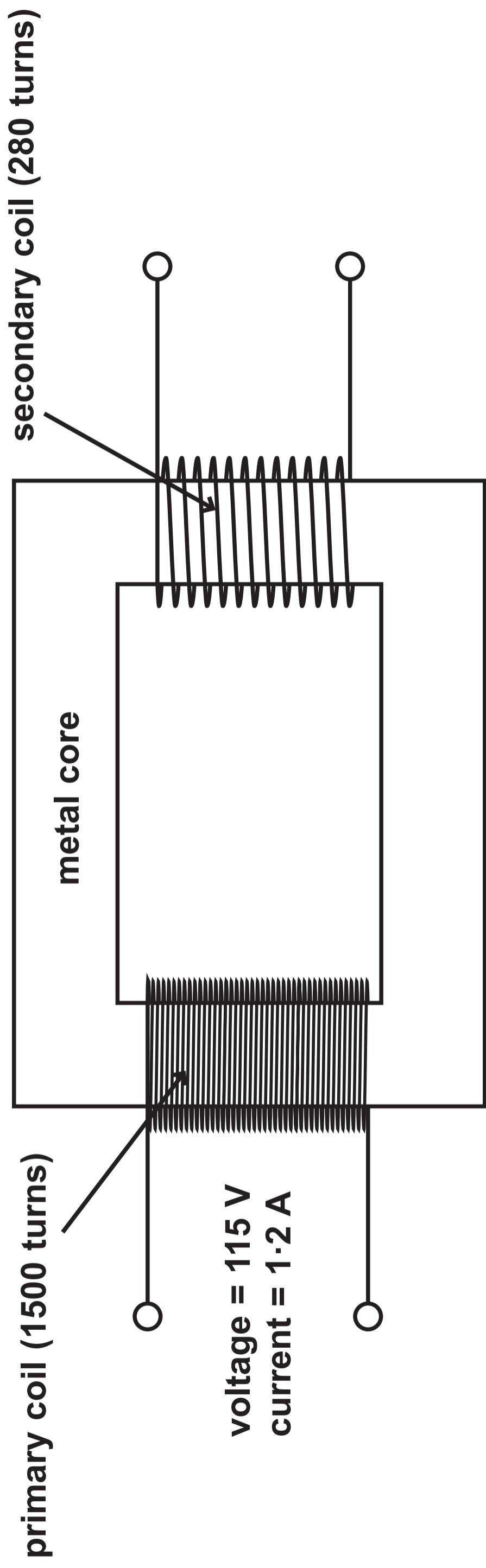
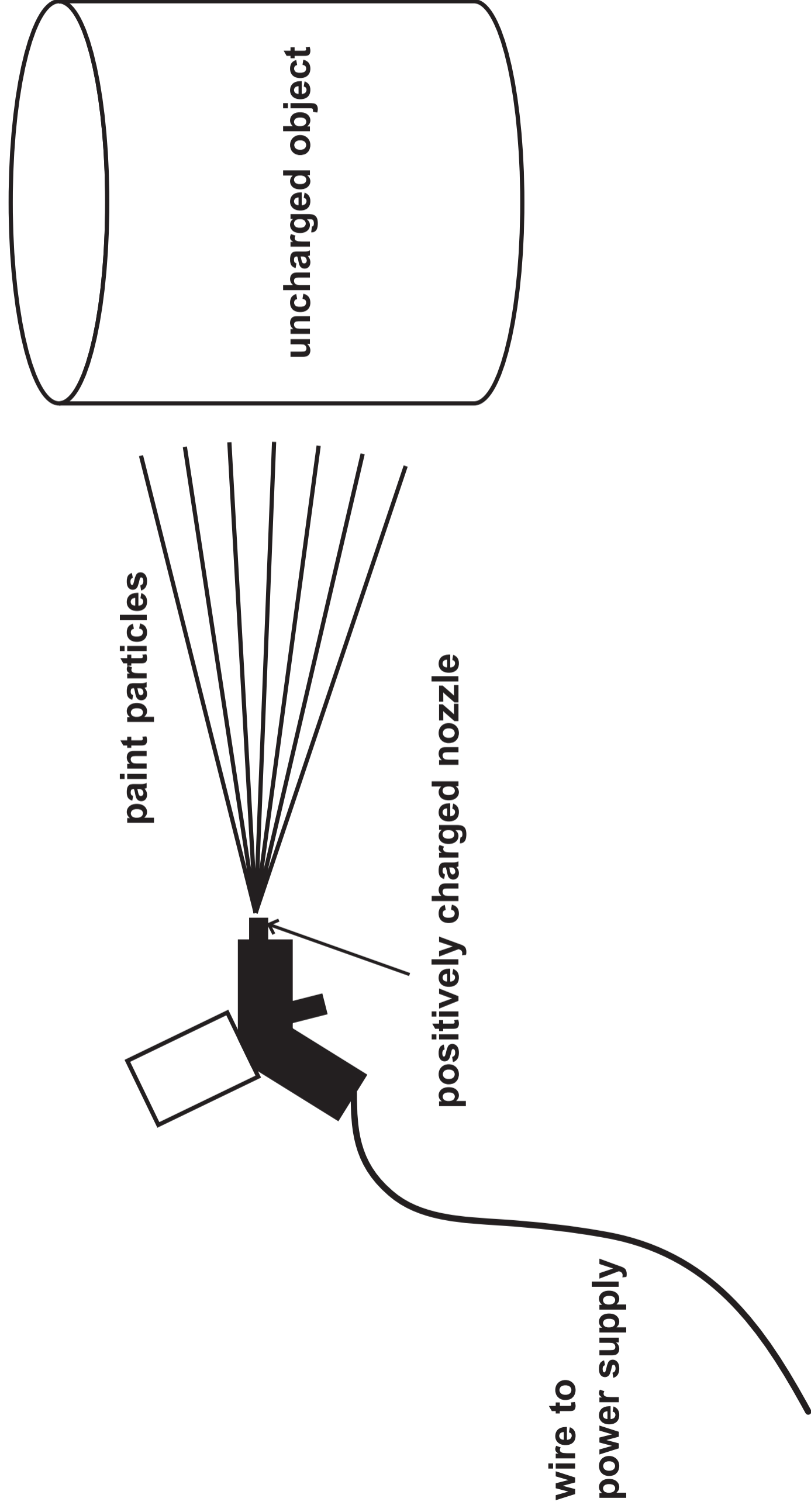


DIAGRAM 2





Question 8(a)

The diagram consists of a large rounded rectangle containing several elements:

- Graph:** A square frame with a horizontal and a vertical axis. A sine wave is plotted, starting at the origin (0,0), reaching a peak, crossing the horizontal axis, reaching a trough, and returning to the horizontal axis. The vertical axis is positioned at the first zero-crossing of the wave.
- Squares:** A 2x4 grid of eight empty squares located to the right of the graph.
- Circles:** Three empty circles arranged horizontally below the grid of squares.
- Concentric Circles:** Three sets of concentric circles (an inner circle and an outer circle) arranged horizontally below the three single circles.

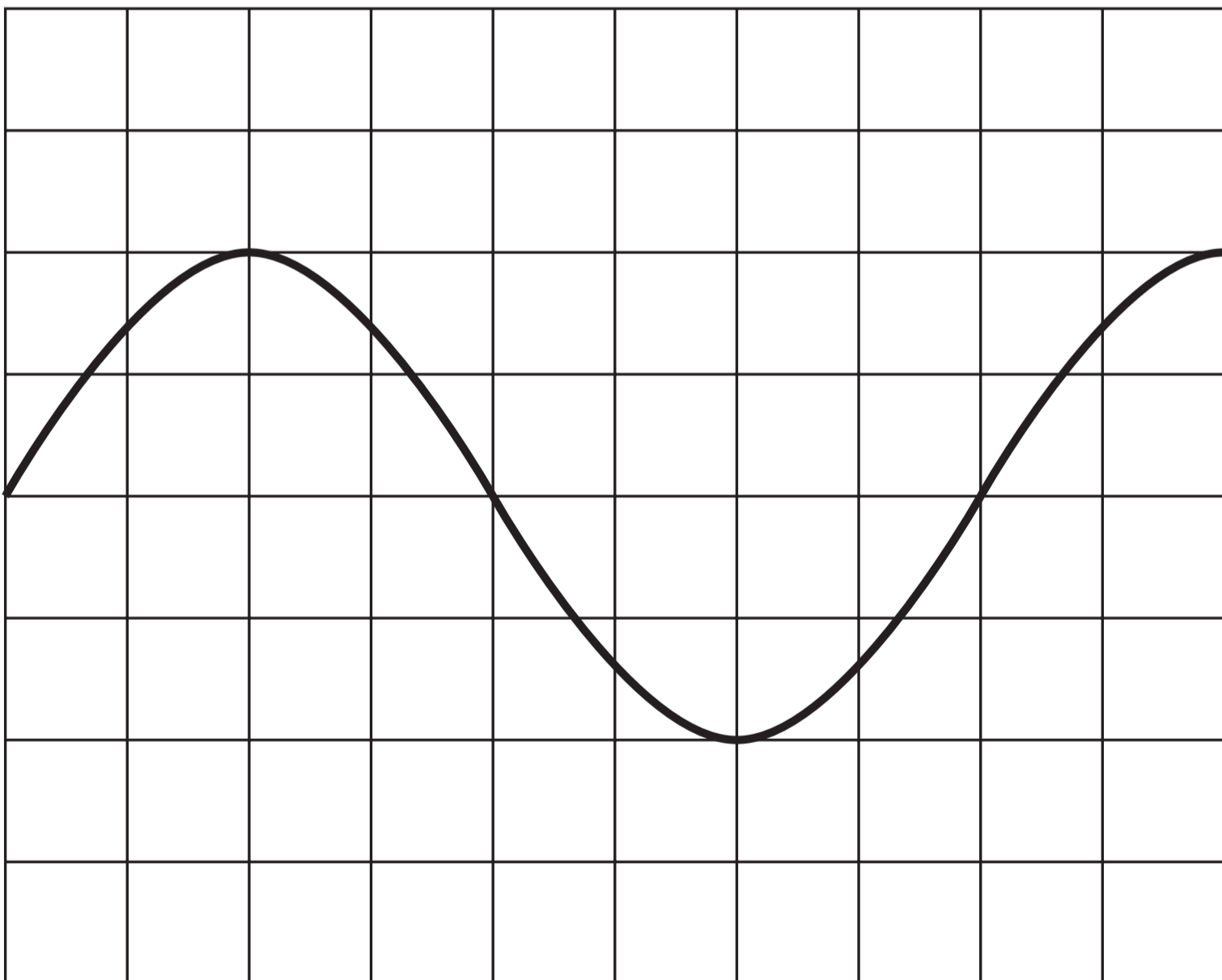
Question 8(b)(i)

DIAGRAM 1

Oscilloscope settings

y direction: 1 square = 2 V

x direction: 1 square = 5×10^{-6} s



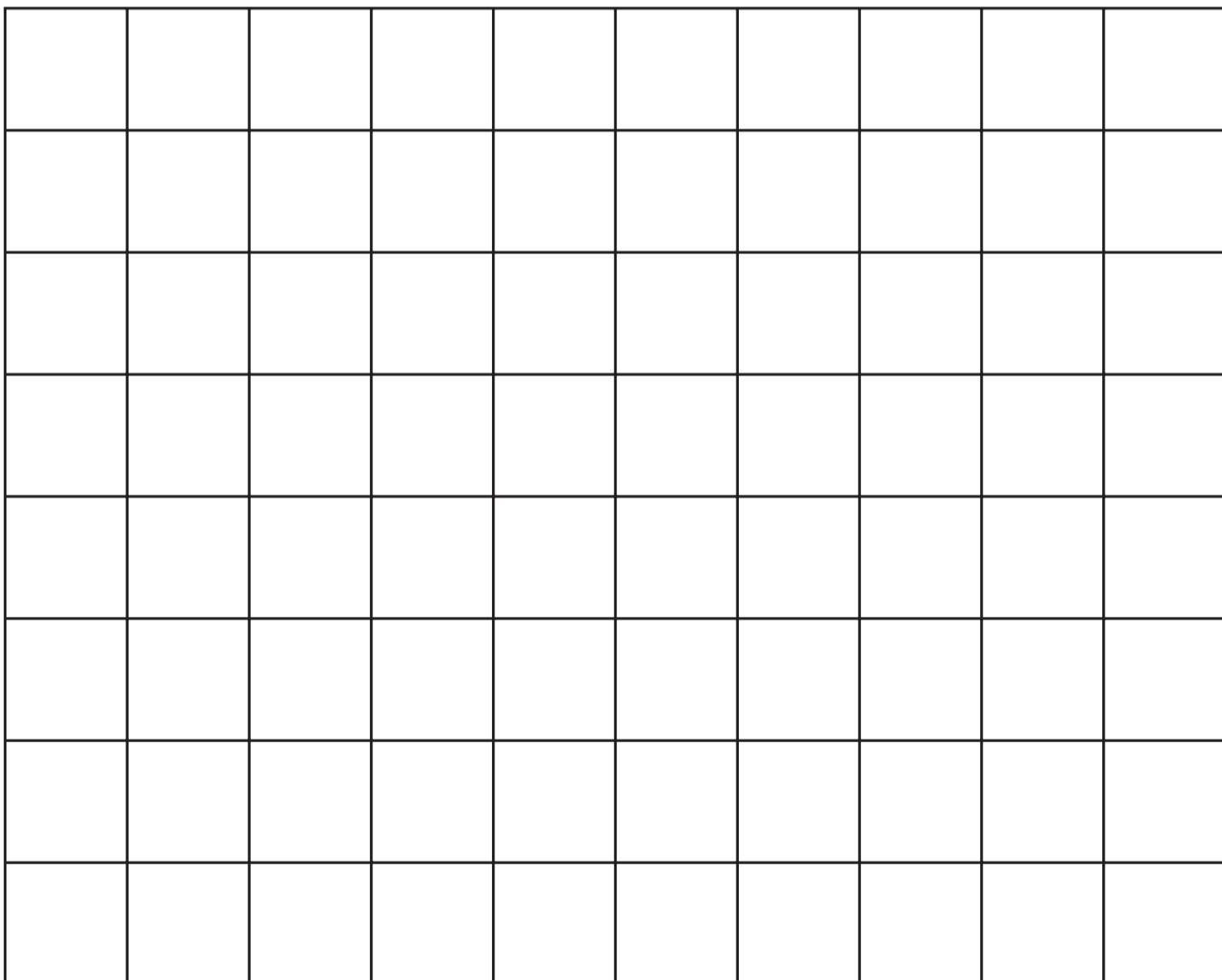
Question 8(b)(ii)

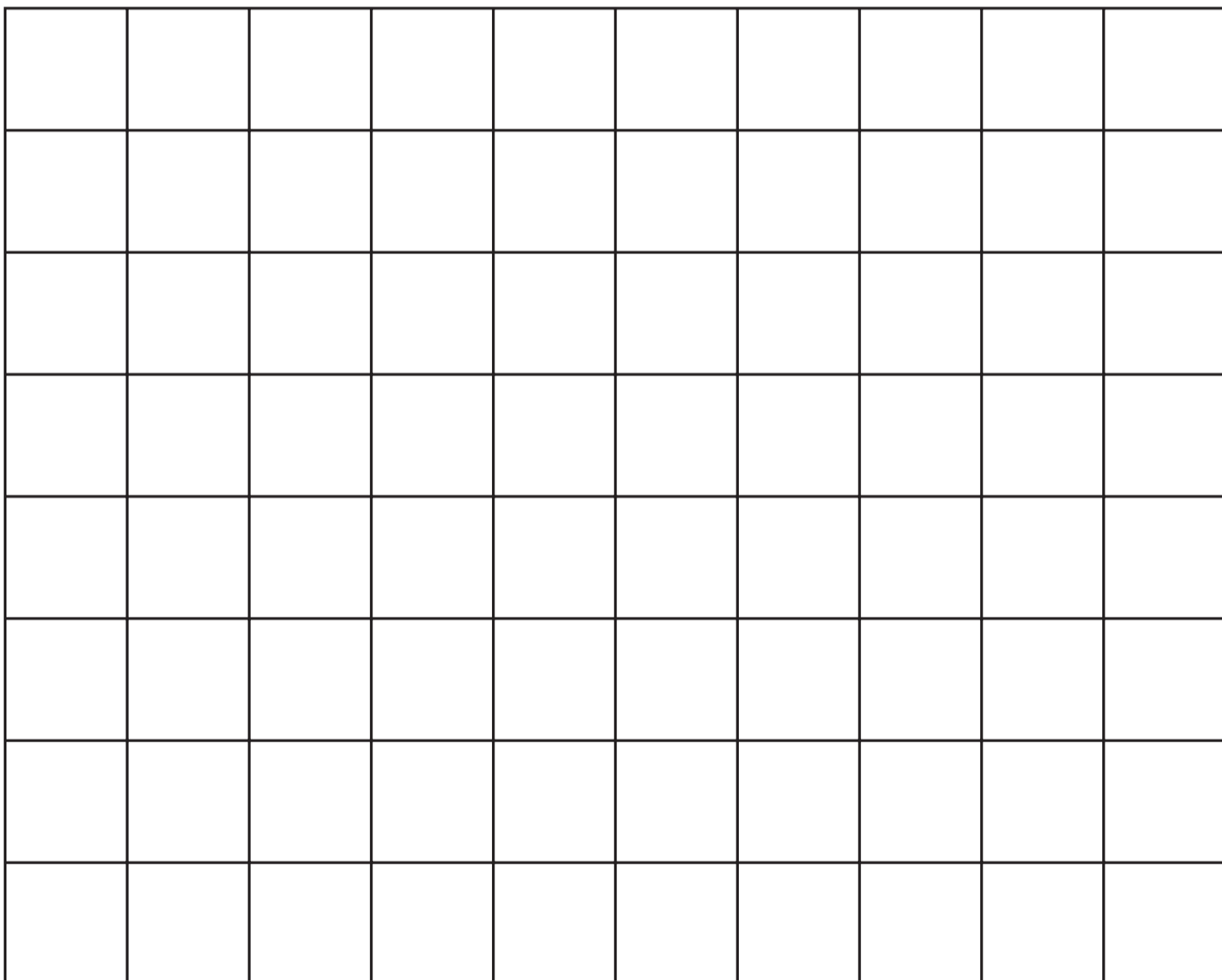
DIAGRAM 2

Oscilloscope settings

y direction: 1 square = 1 V

x direction: 1 square = 1×10^{-5} s



Question 8(b)(ii)**DIAGRAM 2****Oscilloscope settings****y direction: 1 square = 1 V****x direction: 1 square = 1×10^{-5} s**

Question 8(a)

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