

Physics
Advanced
Paper 3: General and Practical Principles in Physics

Friday 5 June 2020 – Afternoon

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.

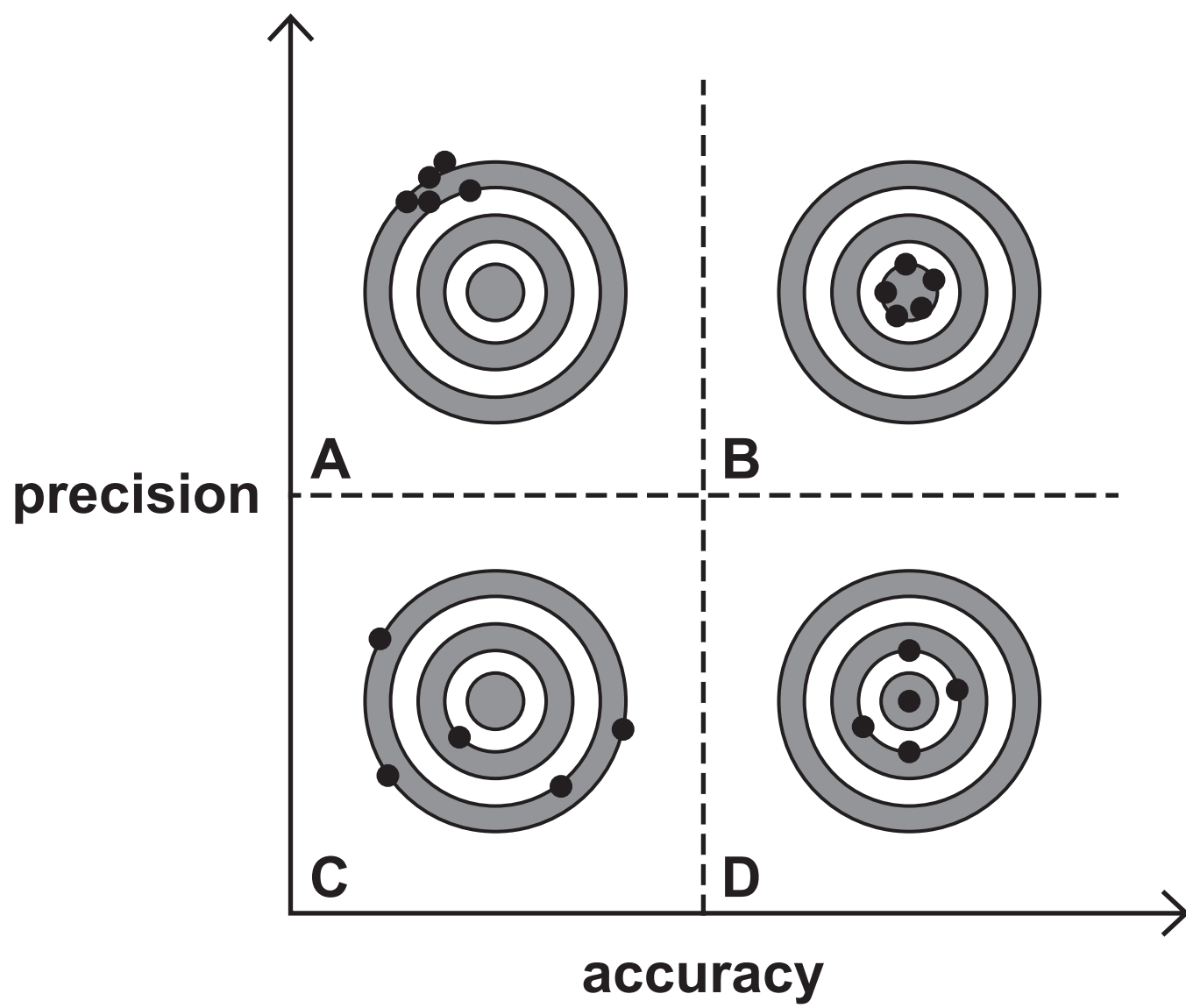
THIS DIAGRAM BOOKLET MUST BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.

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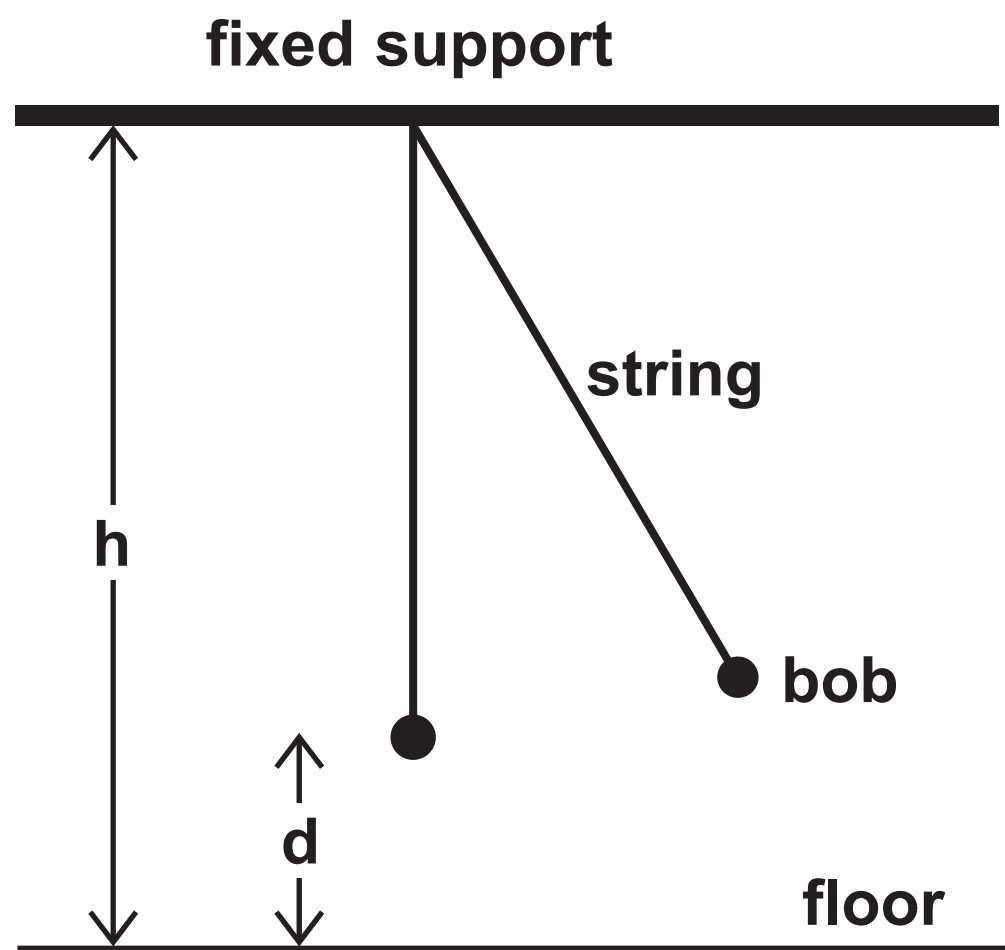
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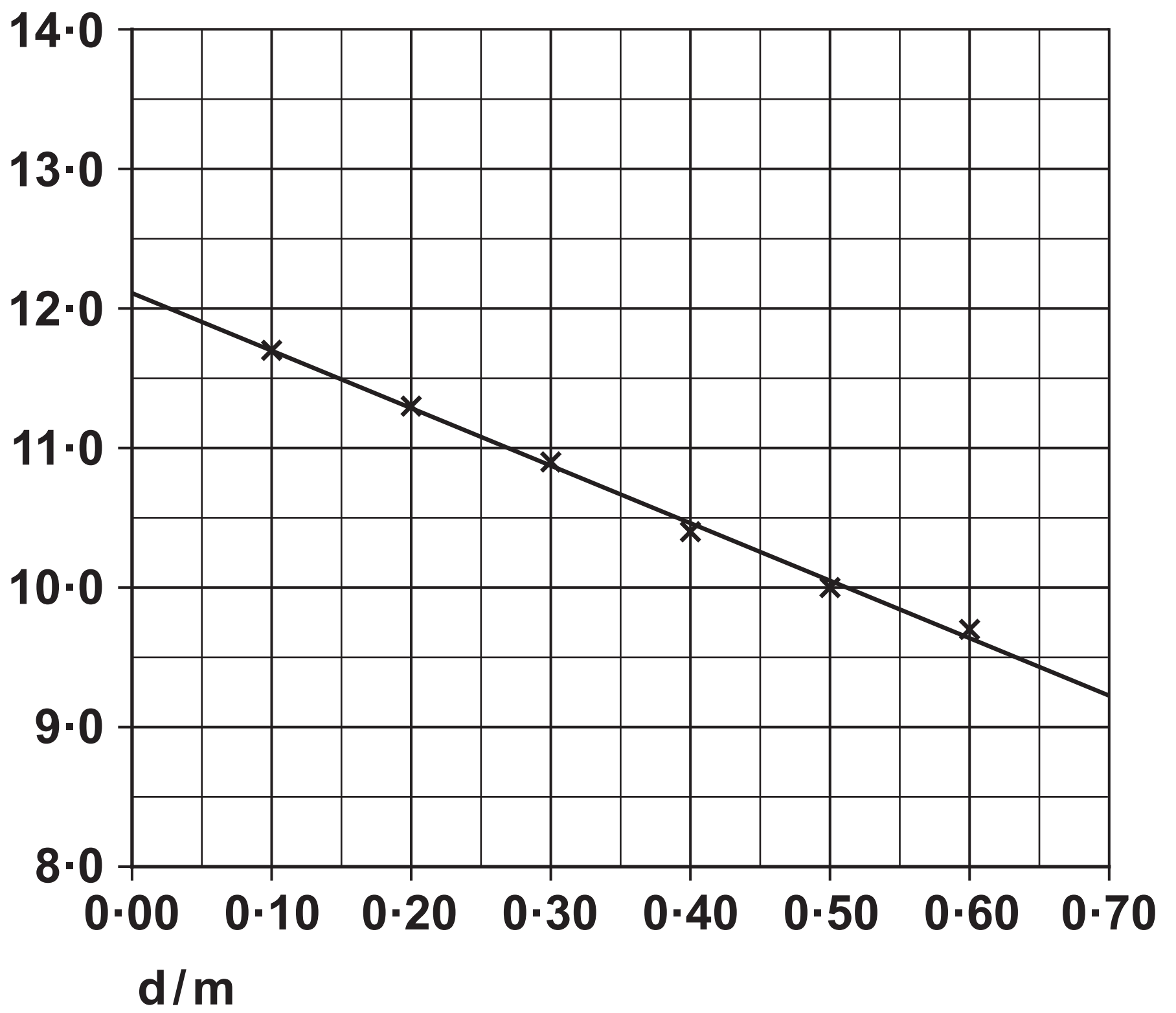
Question 1



Question 3



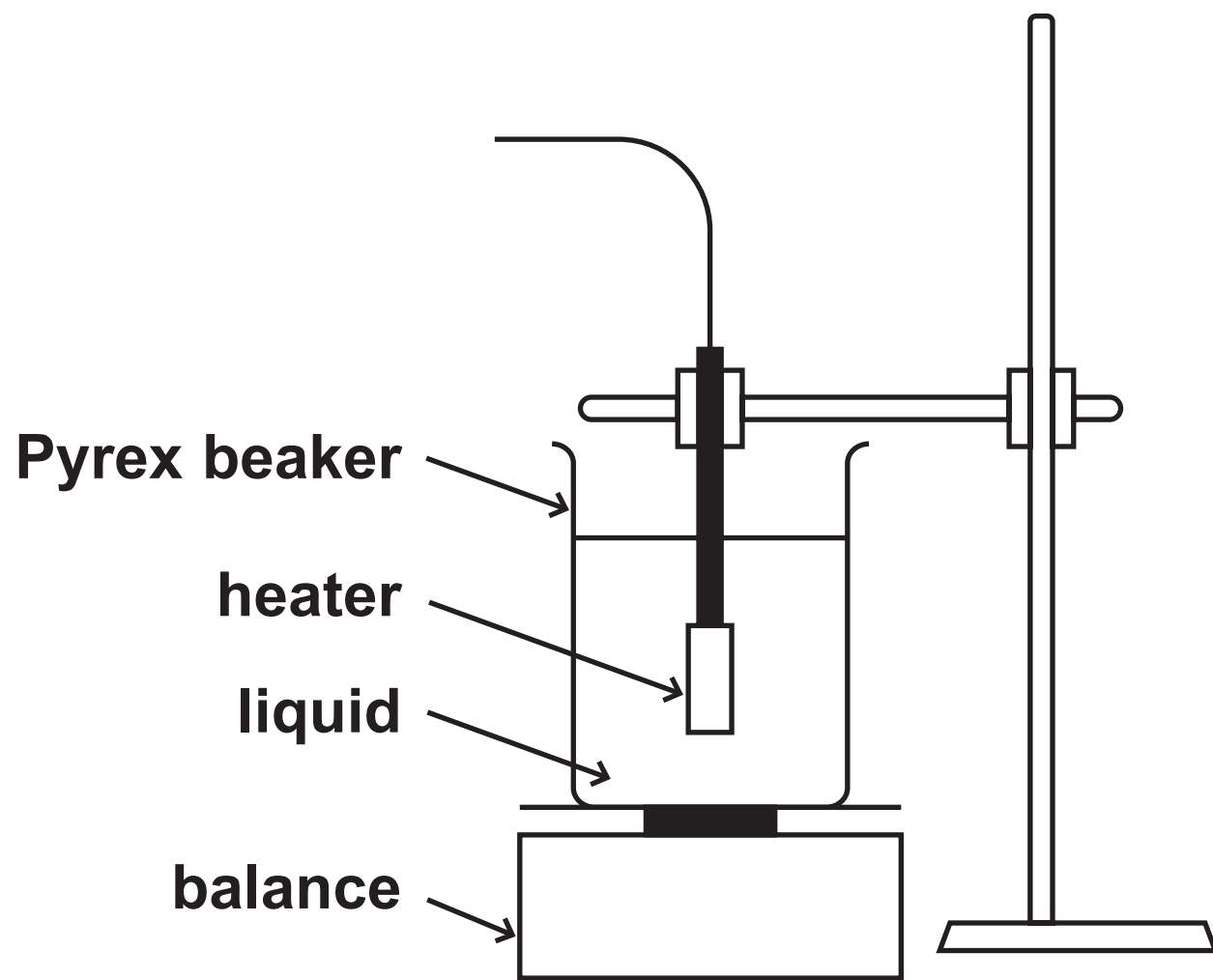
Question 3(b)

 T^2/s^2 

Question 5



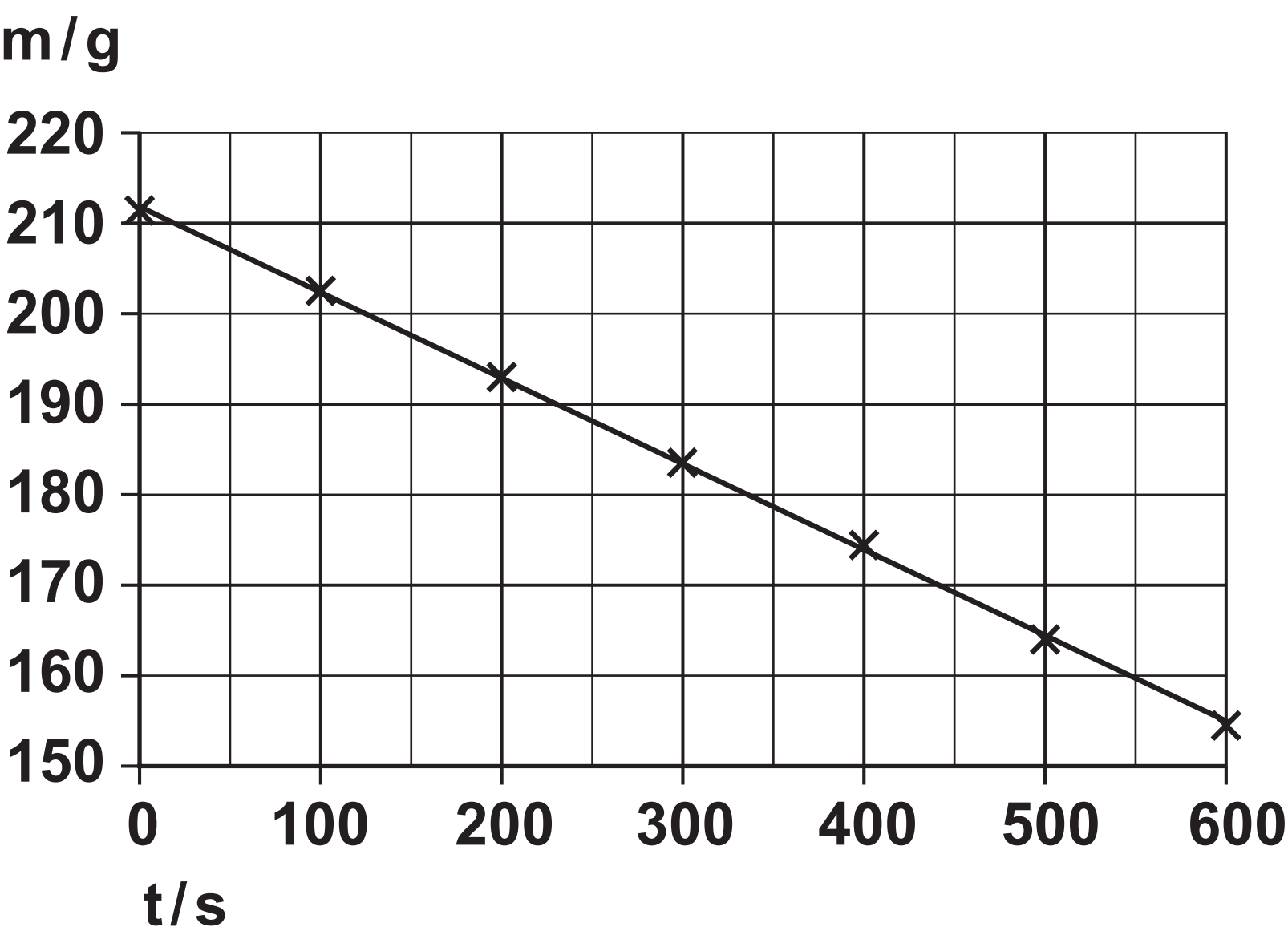
Question 6



Question 6(a)

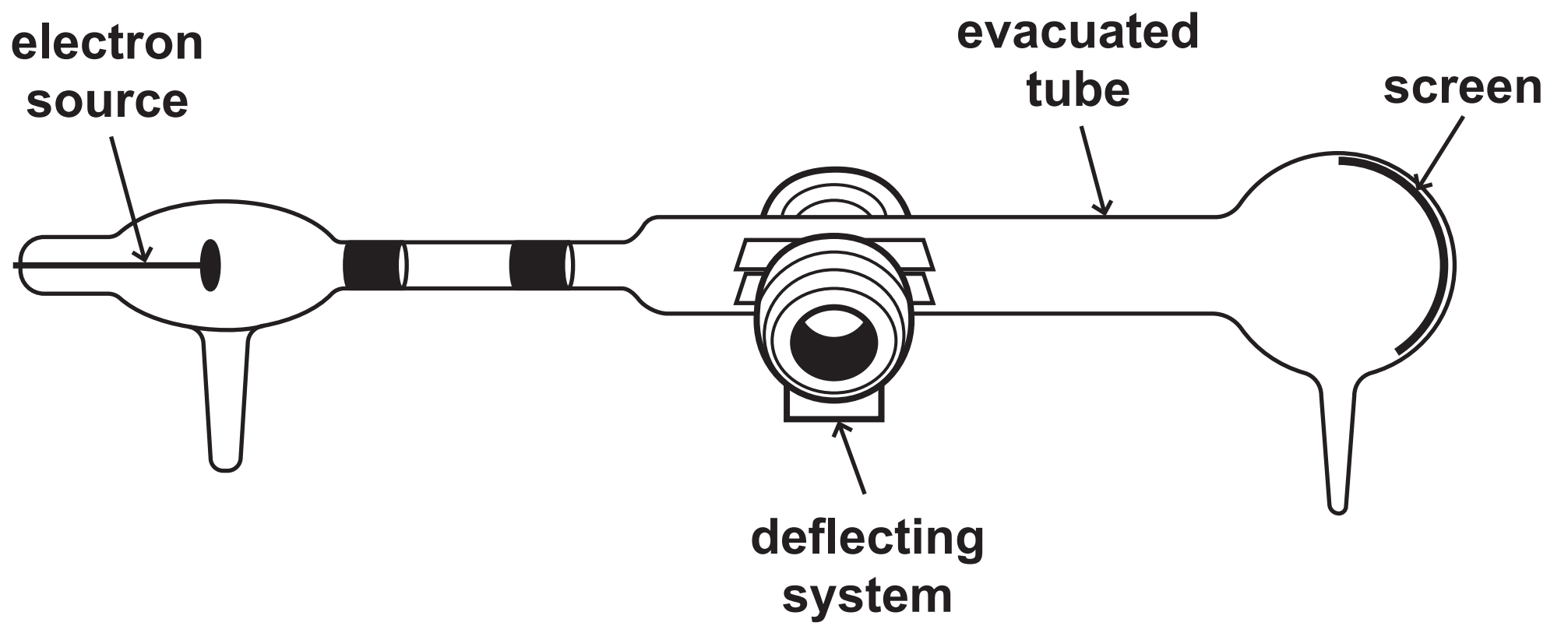
Question 6(a) (Spare copy)

Question 6(b)

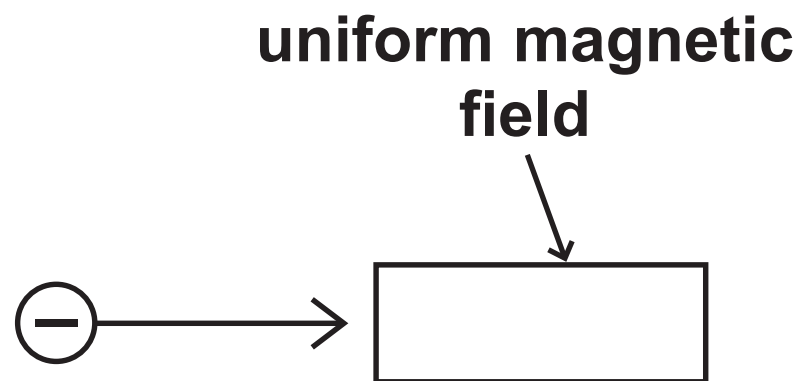


Liquid	Latent heat of vaporisation / MJ kg ⁻¹
Pure water	2.26
Weak salt water solution	2.10
Strong salt water solution	2.00

Question 7



Question 7(b)



Question 8

t / s	θ / °C		
0	95		
120	87		
240	81		
360	76		
480	71		

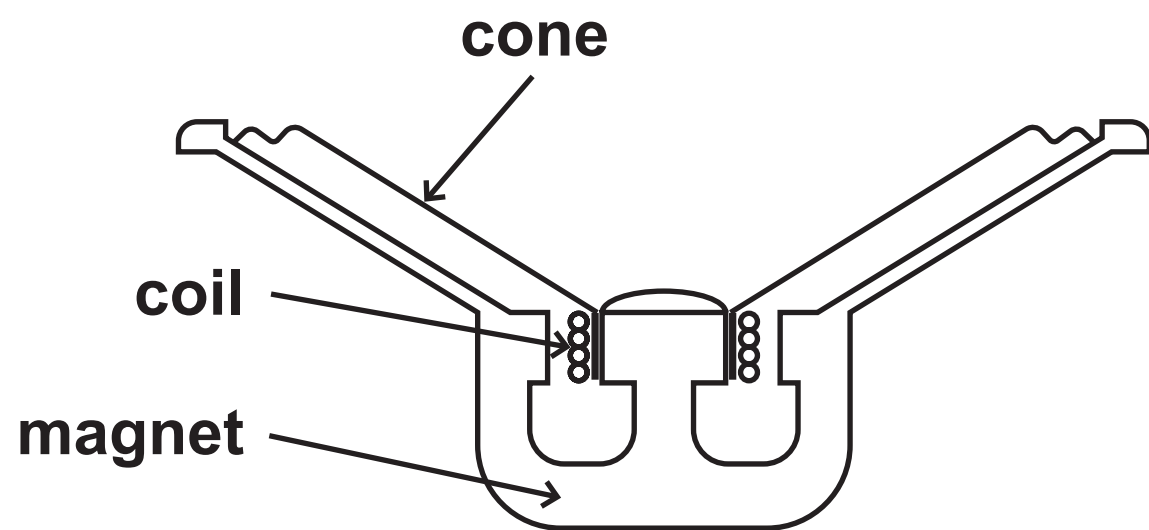
Question 8(b)(i)

[illegible]

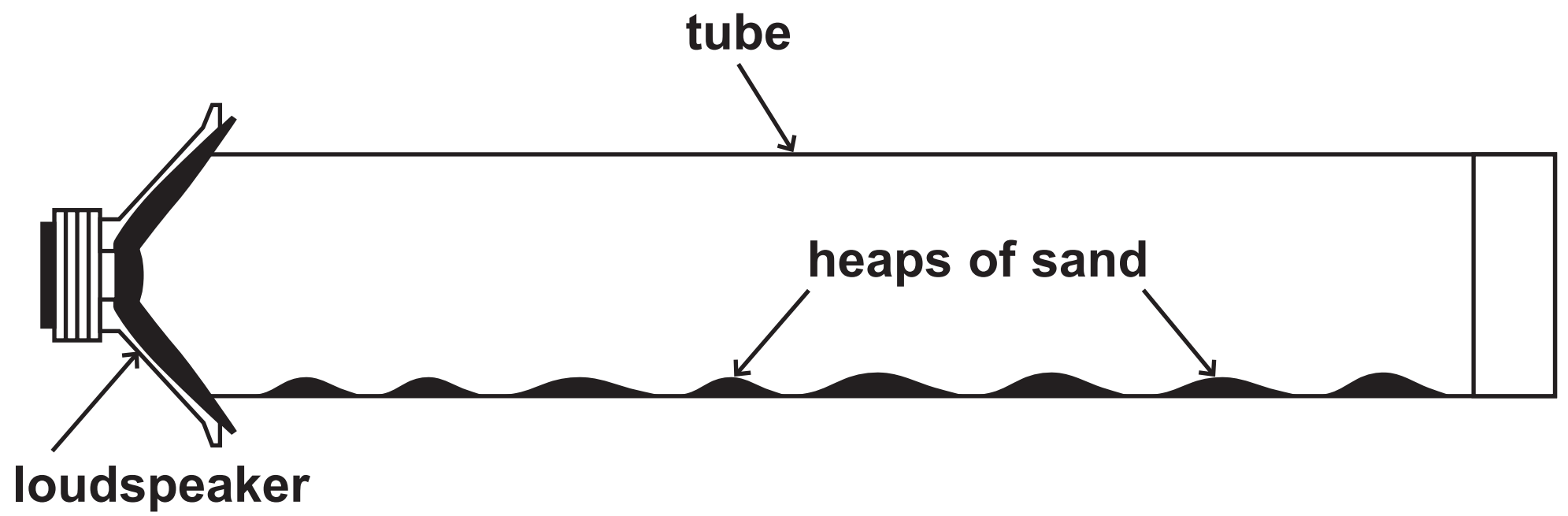
Question 8(b)(i) (Spare copy)

[illegible]

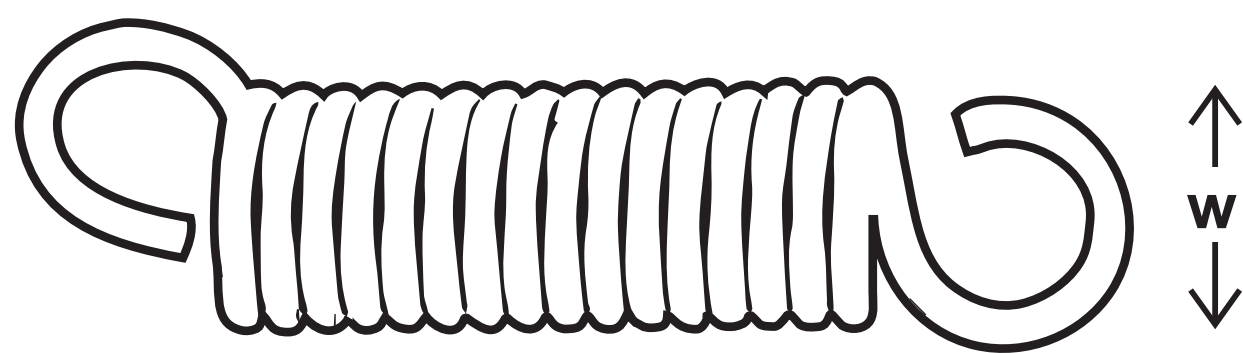
Question 9



Question 9(b)

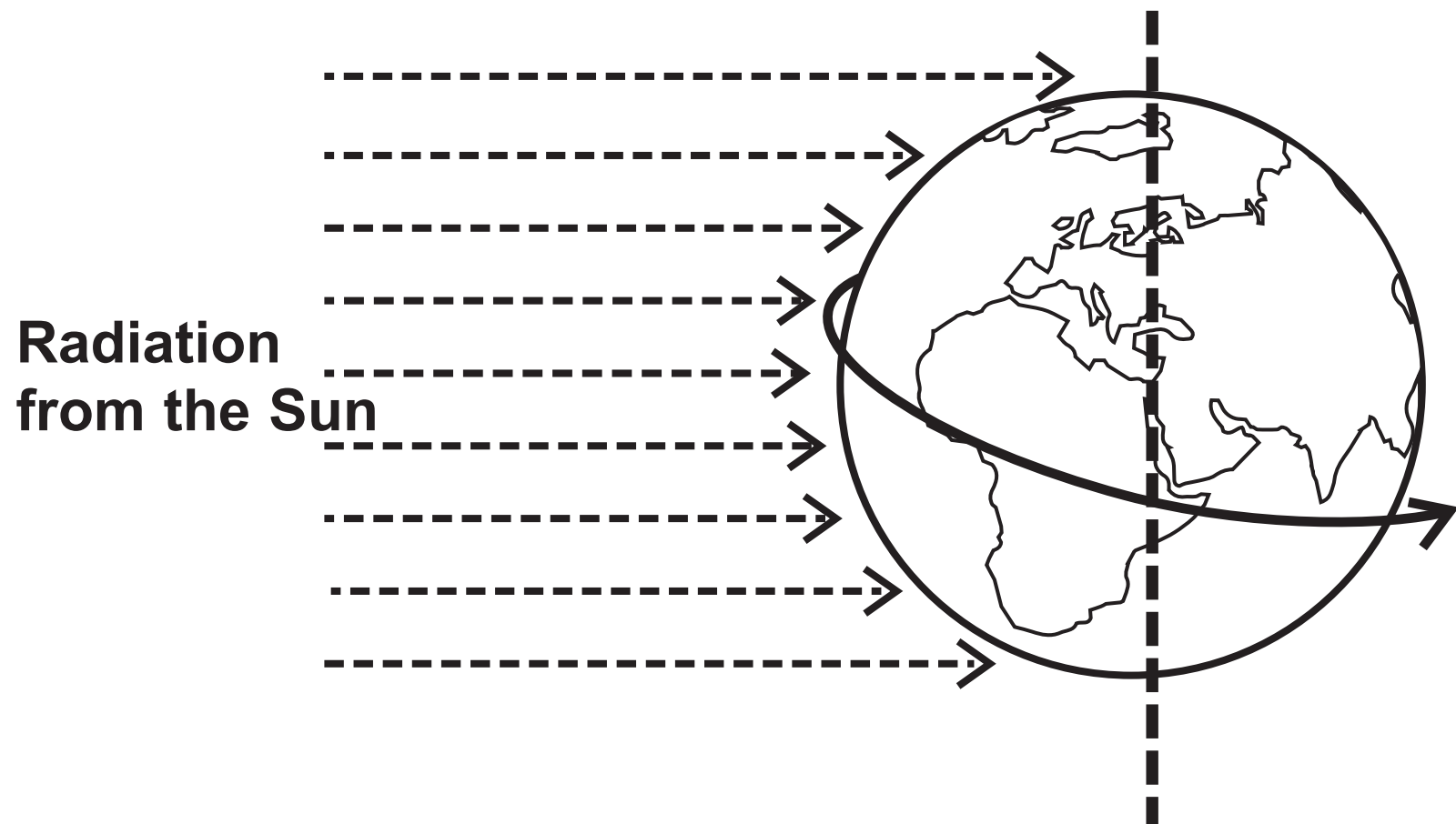


Question 10(a)



w / mm	15·3	15·2	15·4	15·3
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Question 11(b)



Question 5

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Question 7

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