

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

Combined Science
PAPER 3
Higher Tier

Wednesday 22 May 2024 – Morning

Time: 1 hour 10 minutes

Diagram Booklet

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

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
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INSTRUCTIONS

There may be spare copies of some diagrams in case you need them.

CONTENTS

Page

3	Question 1
4	Question 1(c)
5	Question 2(a)
6	Question 3
7	Question 4(a)
8	Question 4(c)
9	Question 5(d)(iv)
10	Question 6(a)
11	Question 6(b)
12	Question 6(c)

Spare Copies

13	Question 5(d)(iv)
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Question 1

FIGURE 1

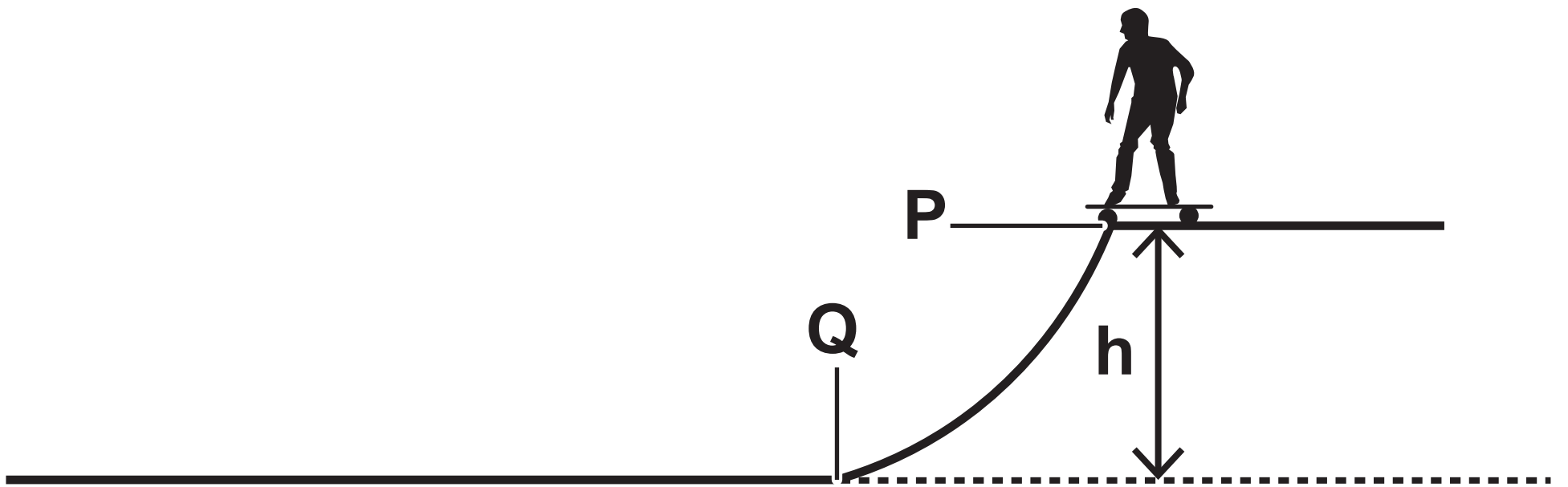
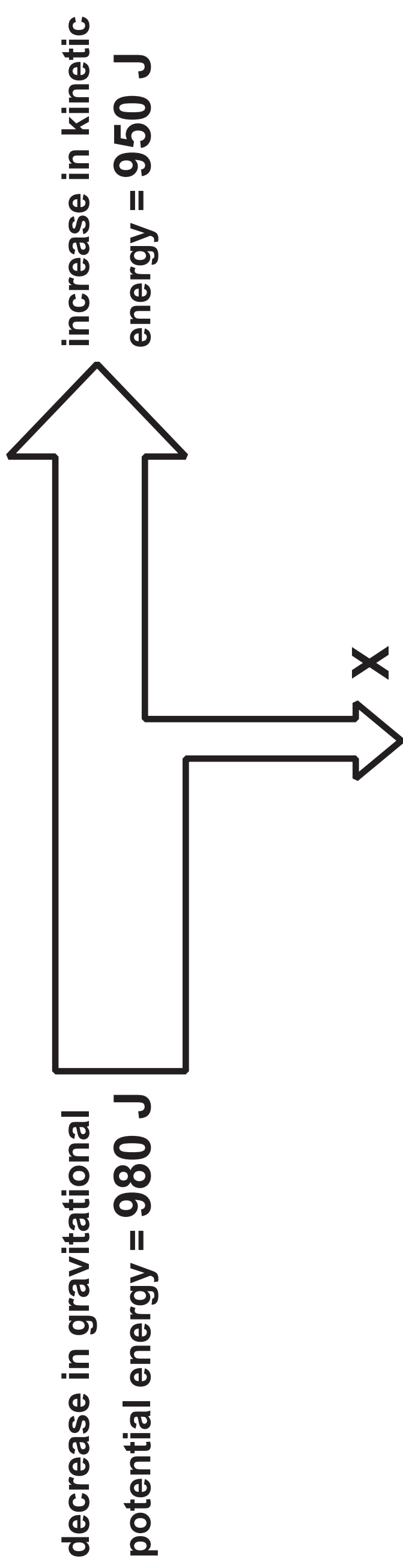


FIGURE 2

NOT TO SCALE



Question 2(a)

FIGURE 3

KEY

M

L

distance in m

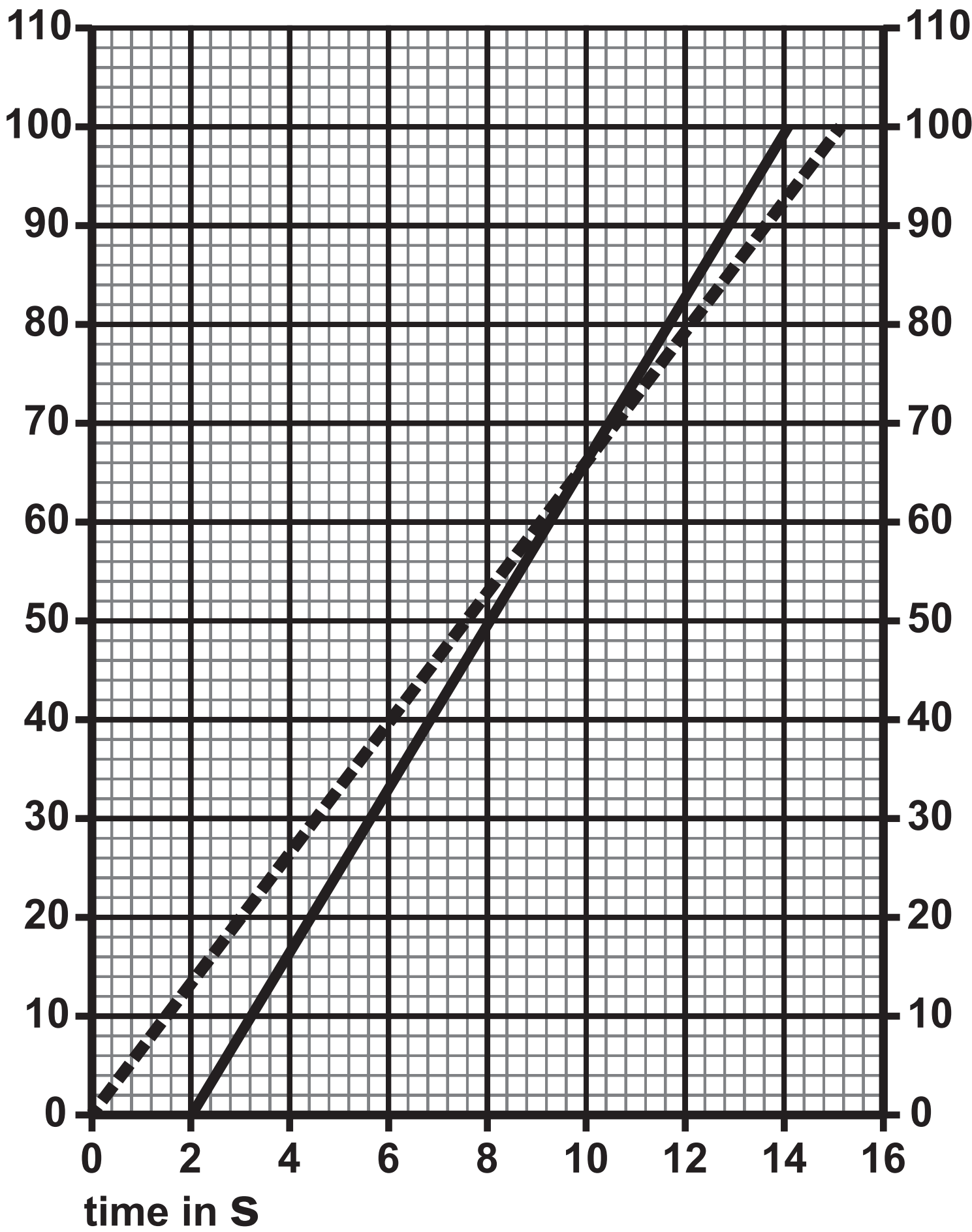


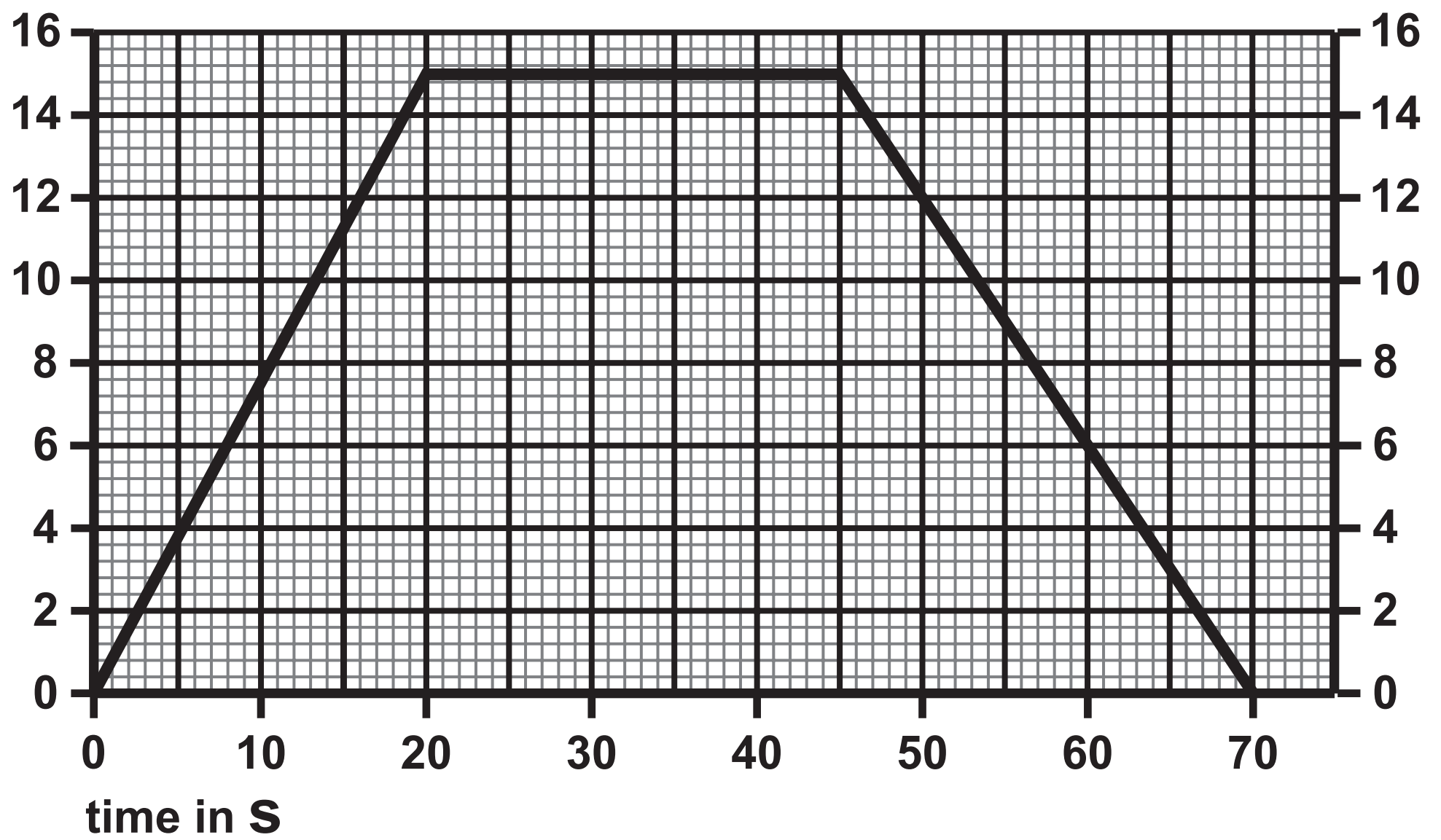
FIGURE 4

	UVA	UVB	UVC
wavelength range	400 nm to 315 nm	314 nm to 280 nm	279 nm to 100 nm
% energy absorbed by the Earth's atmosphere	5%	95%	100%

Question 4(a)

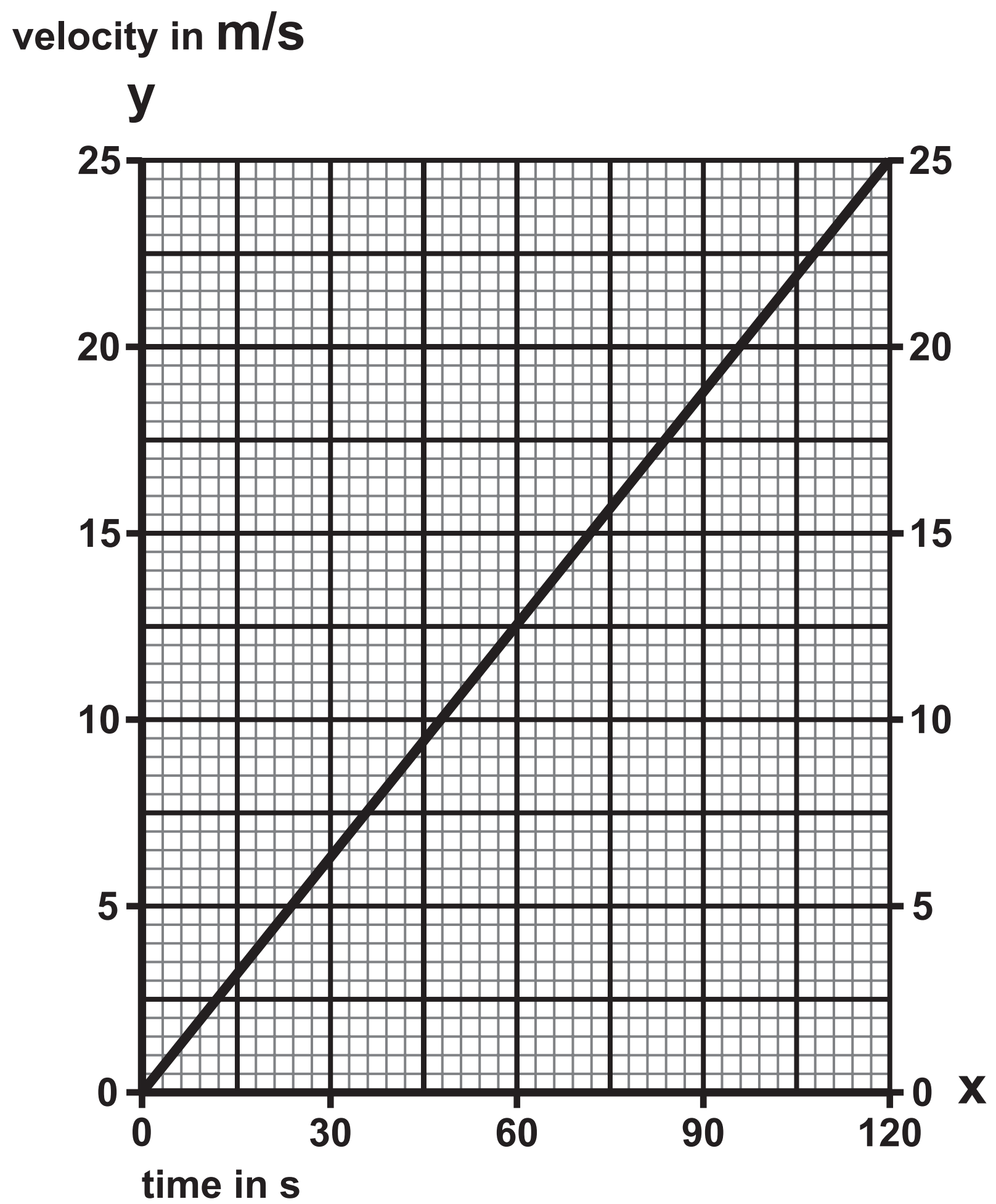
FIGURE 5

velocity
in m/s

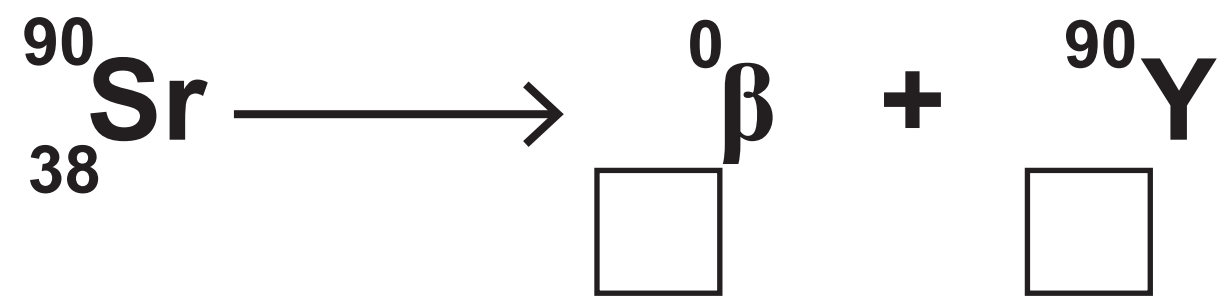


Question 4(c)

FIGURE 6

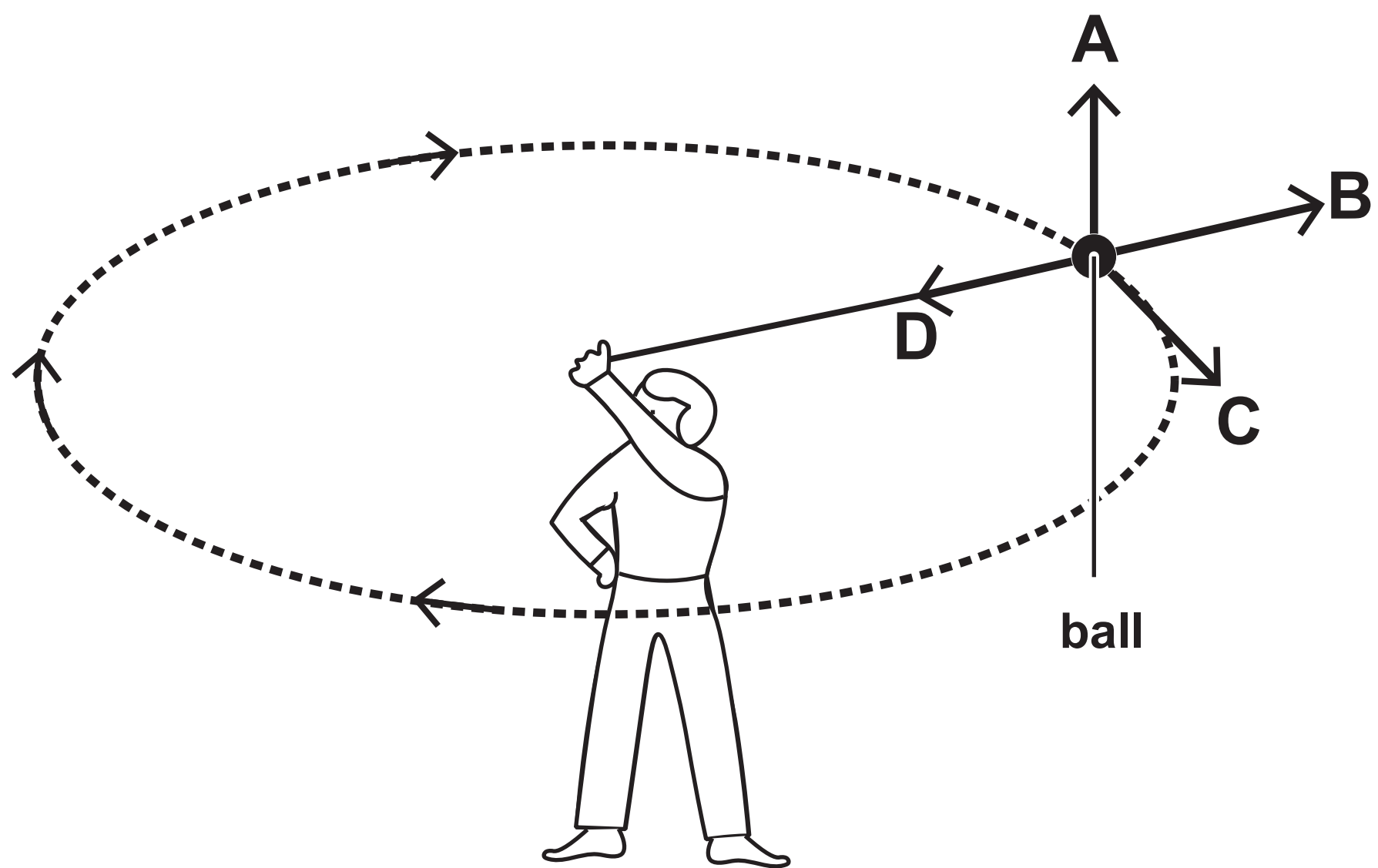


Question 5(d)(iv)



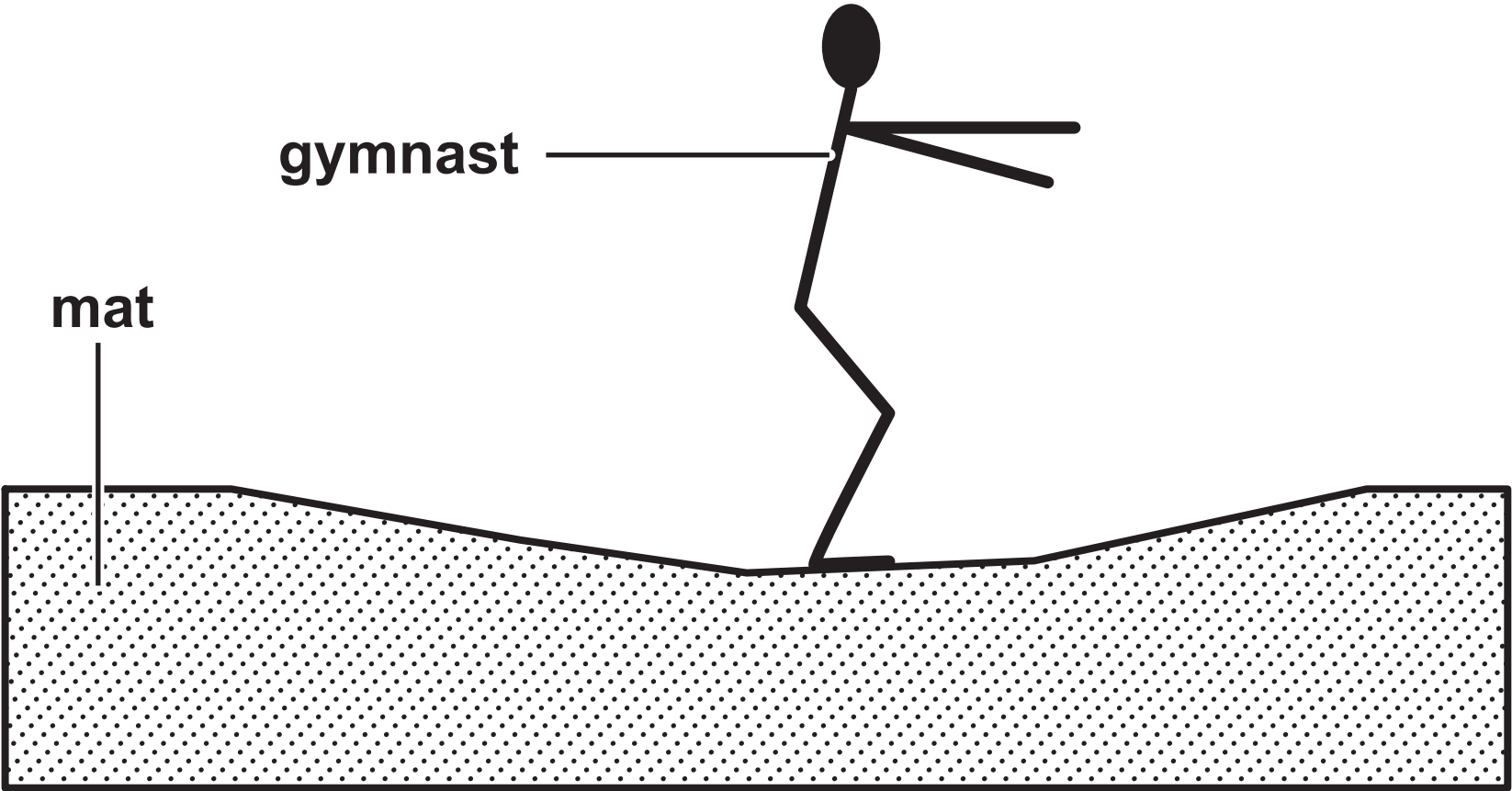
Question 6(a)

FIGURE 7



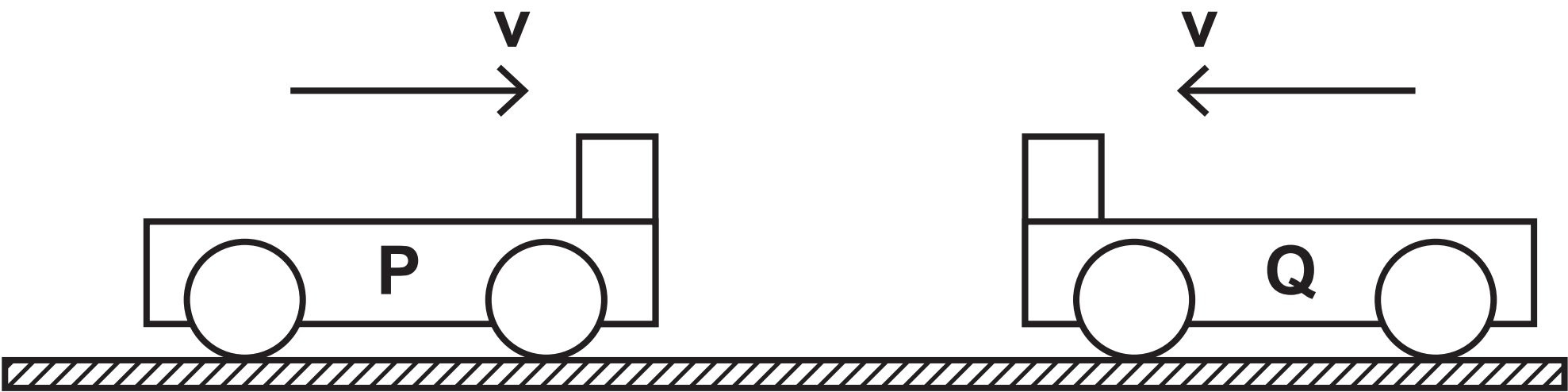
Question 6(b)

FIGURE 8



Question 6(c)

FIGURE 9



Question 5(d)(iv)

