

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					
Candidate Number					

INSTRUCTIONS

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

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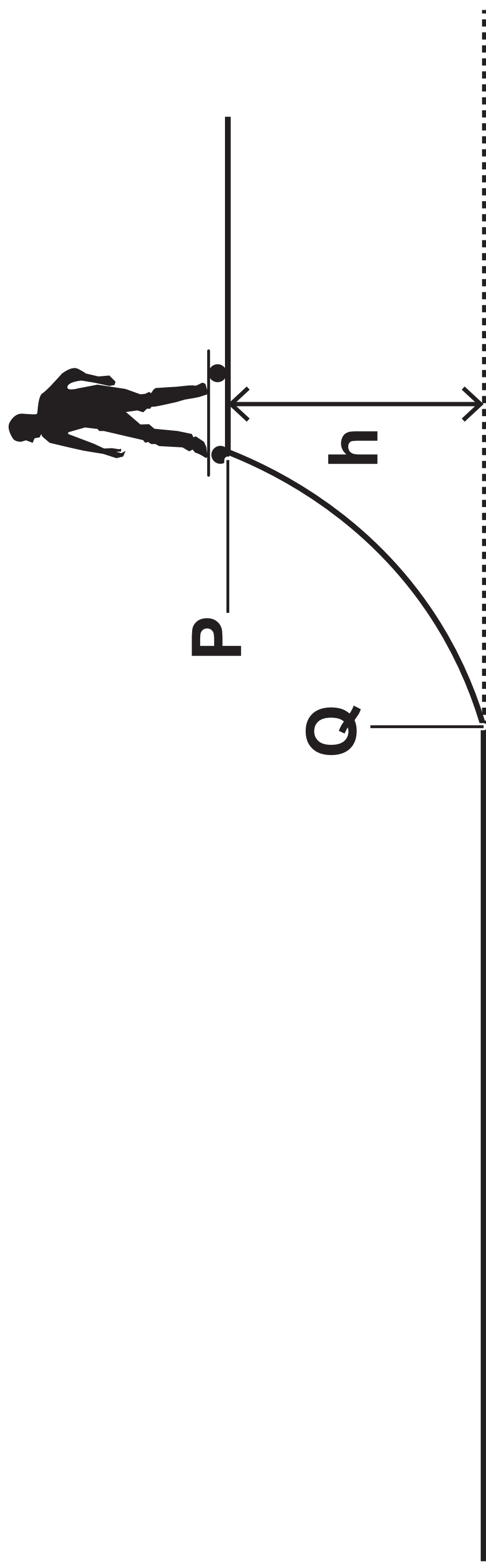
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Spare Copies

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FIGURE 1



Question 1(c)

4

FIGURE 2

NOT TO SCALE

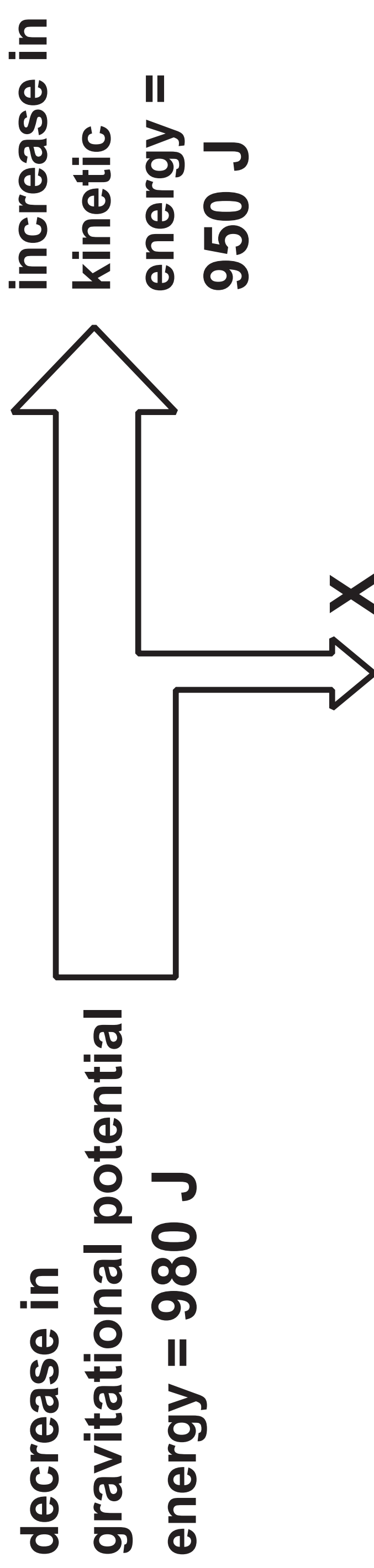


FIGURE 3

KEY

———— M

----- L

distance in m

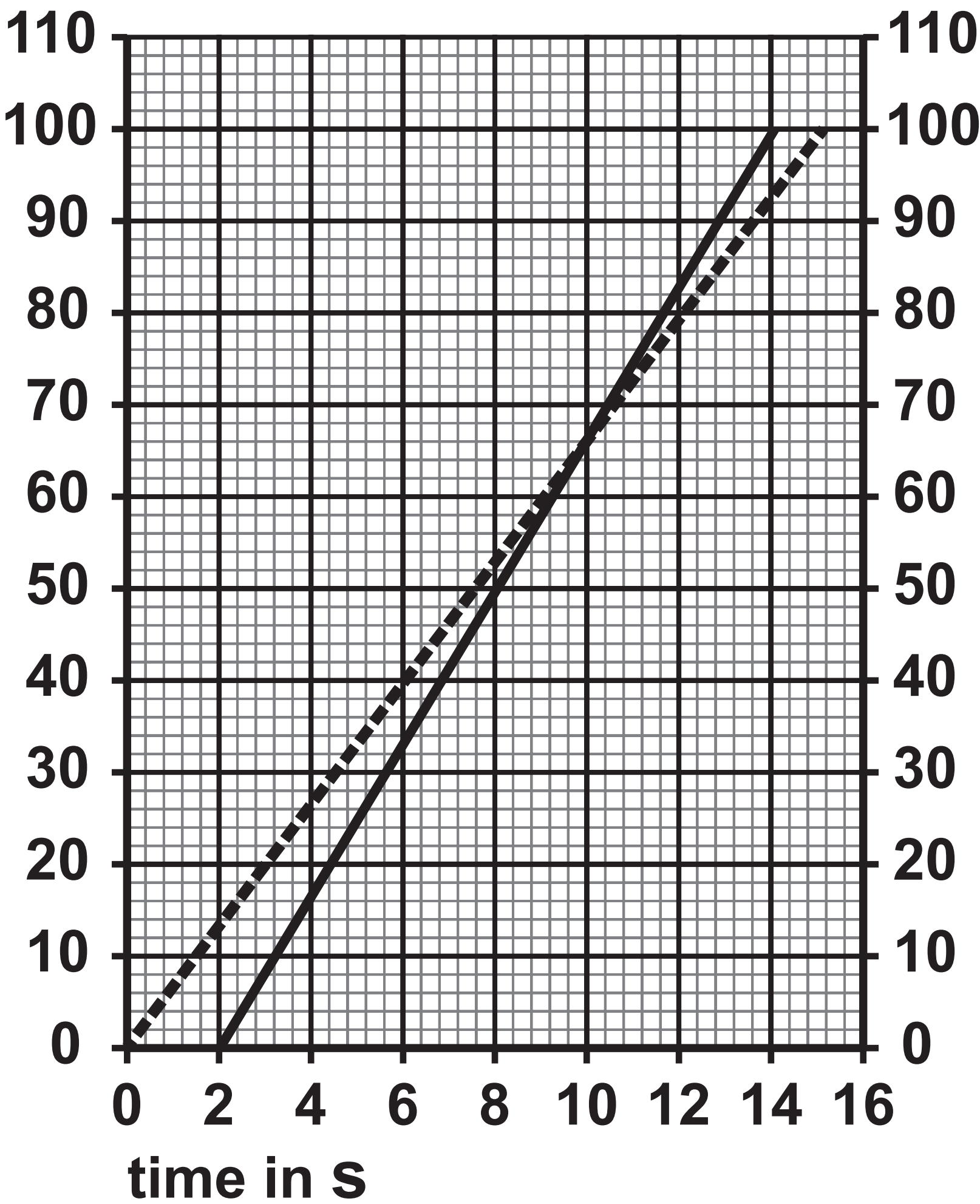
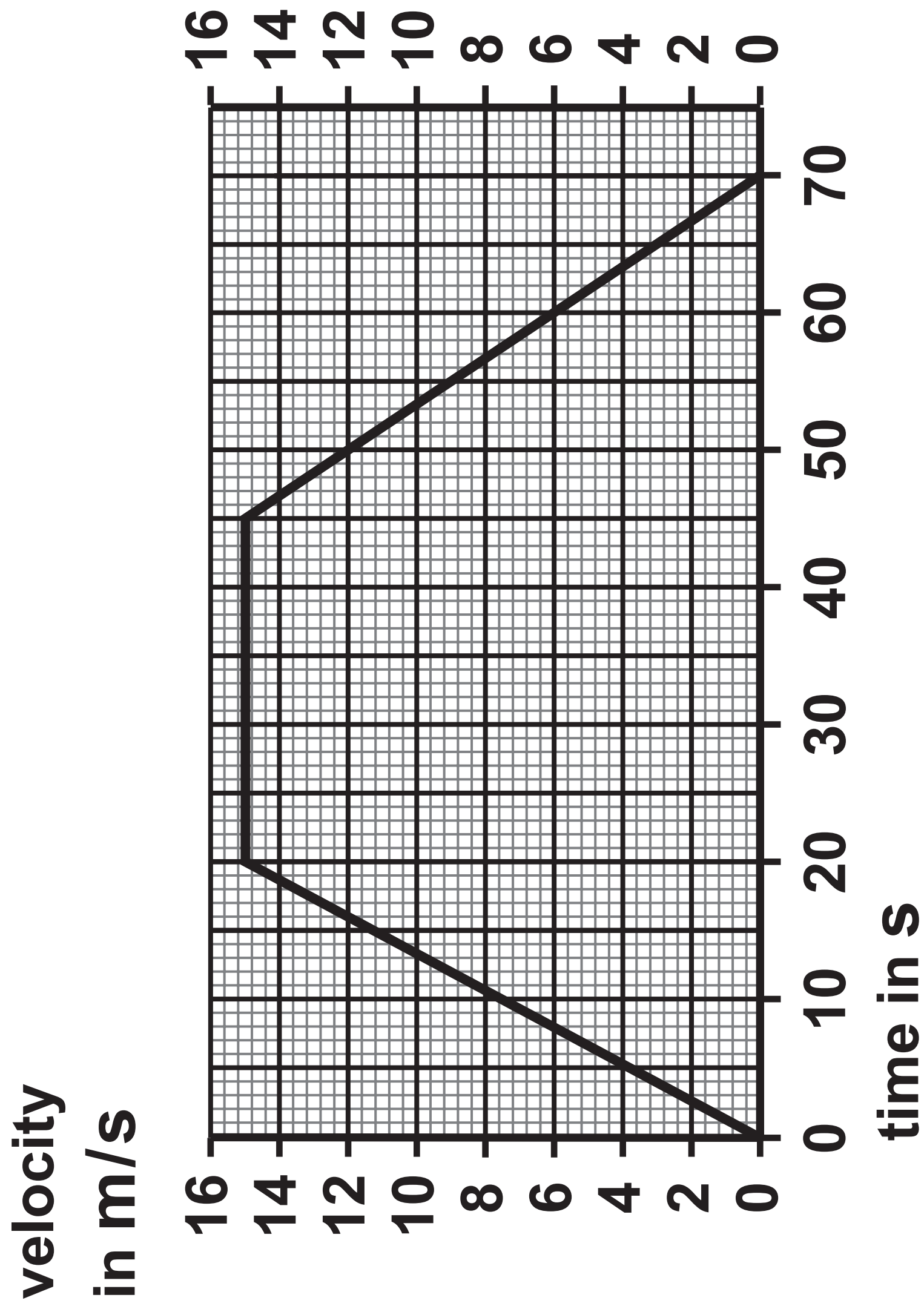


FIGURE 4

	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

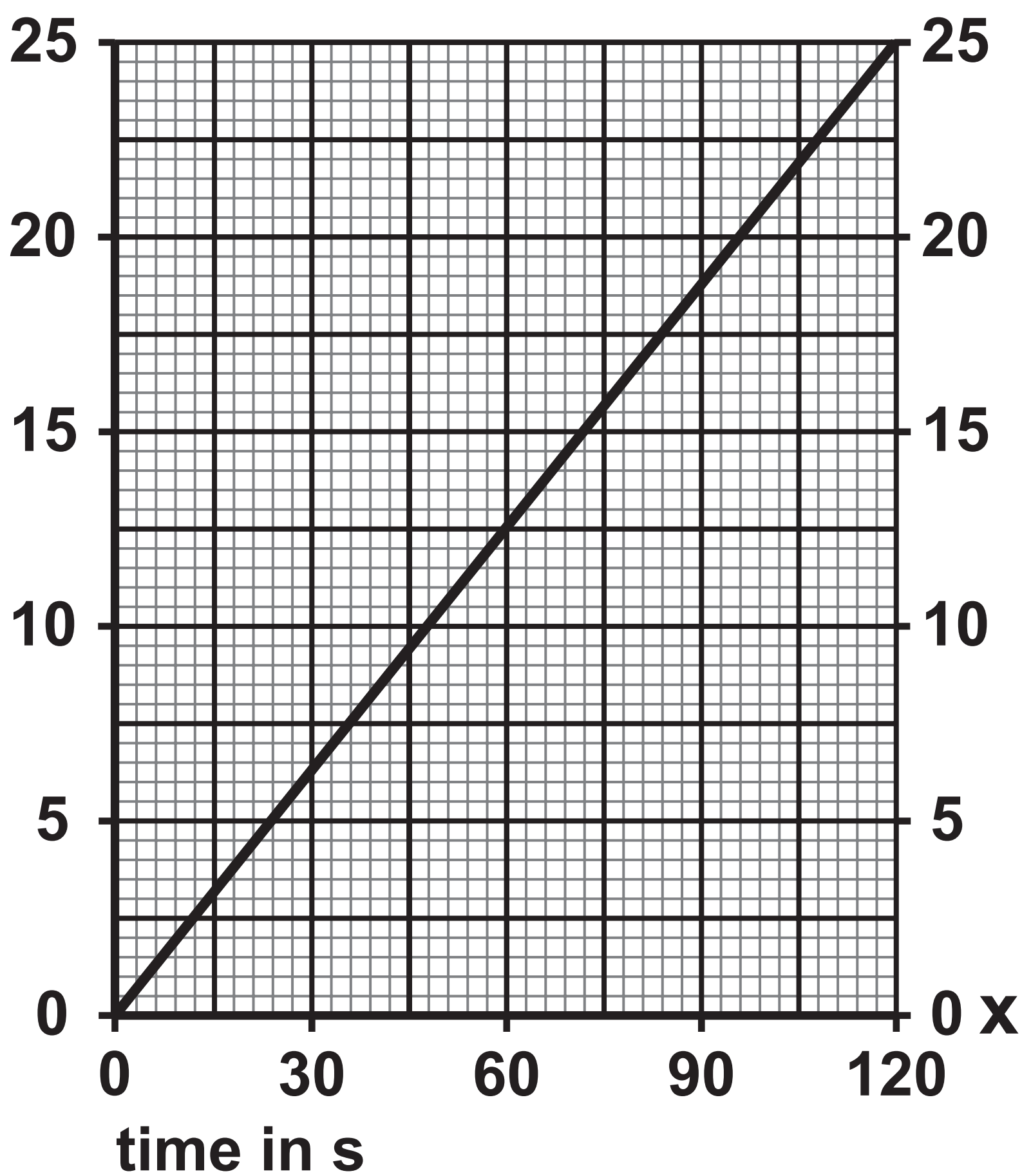


Question 4(c)

FIGURE 6

velocity in m/s

y



Question 5(d)(iv)

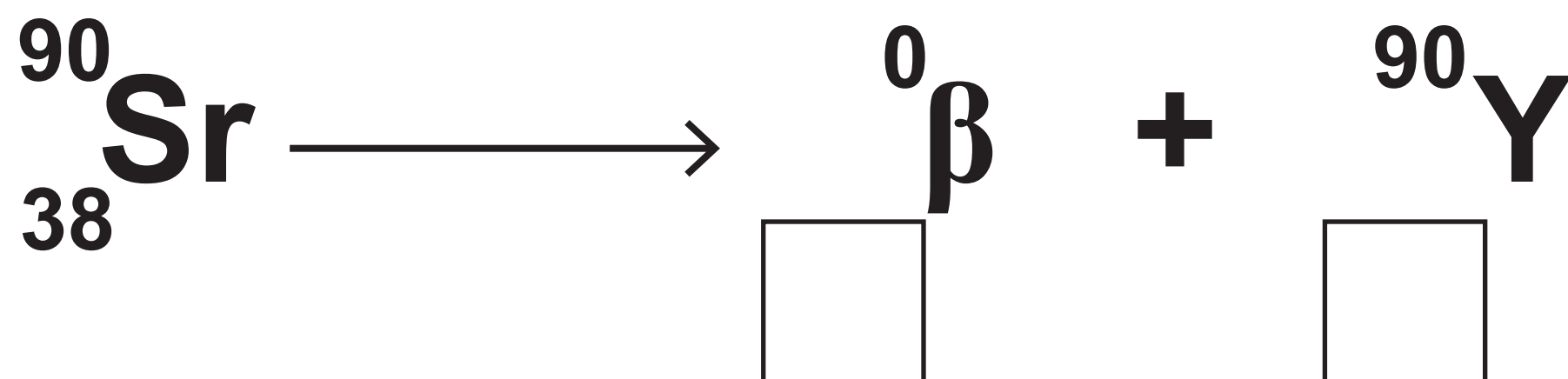


FIGURE 7

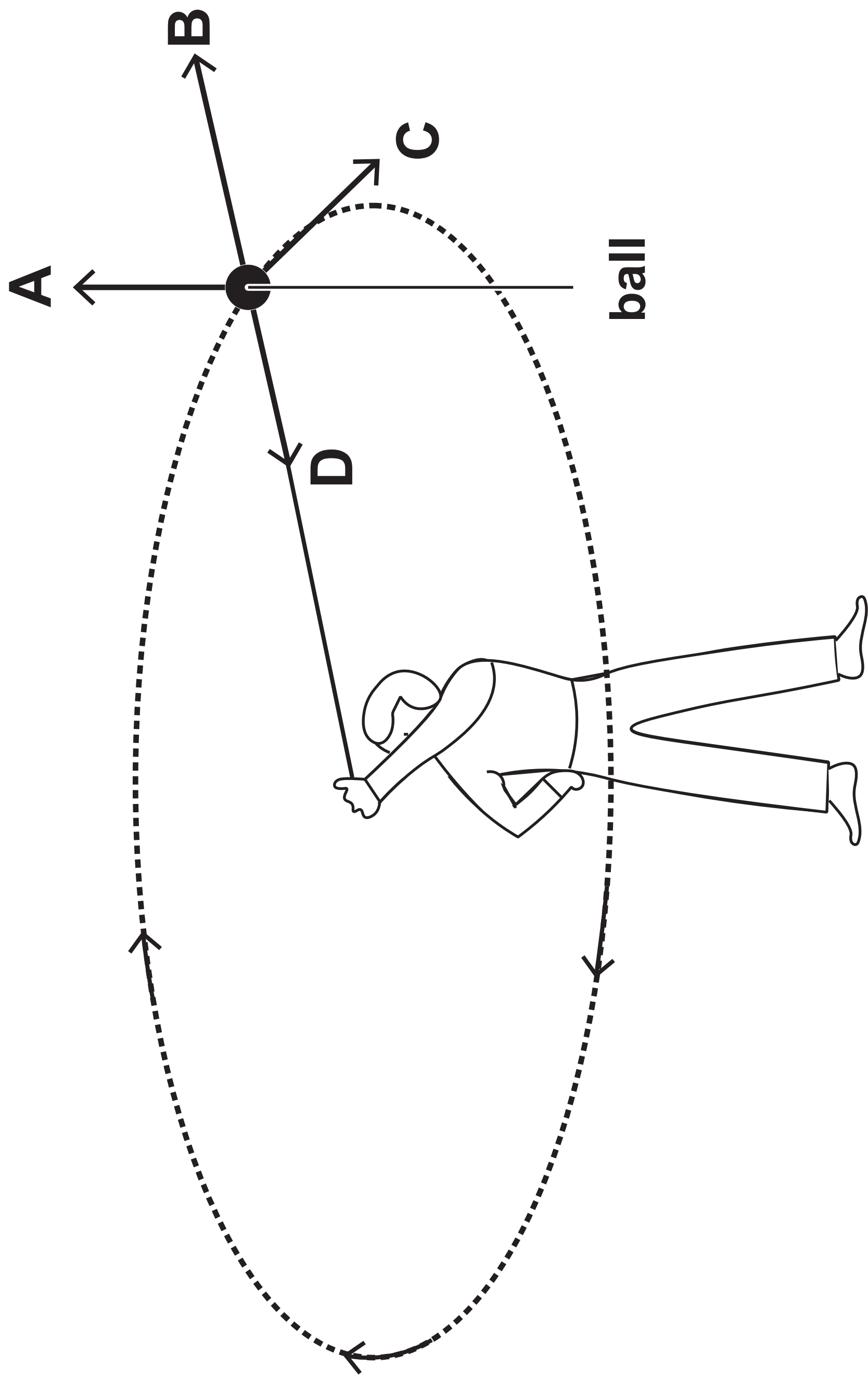
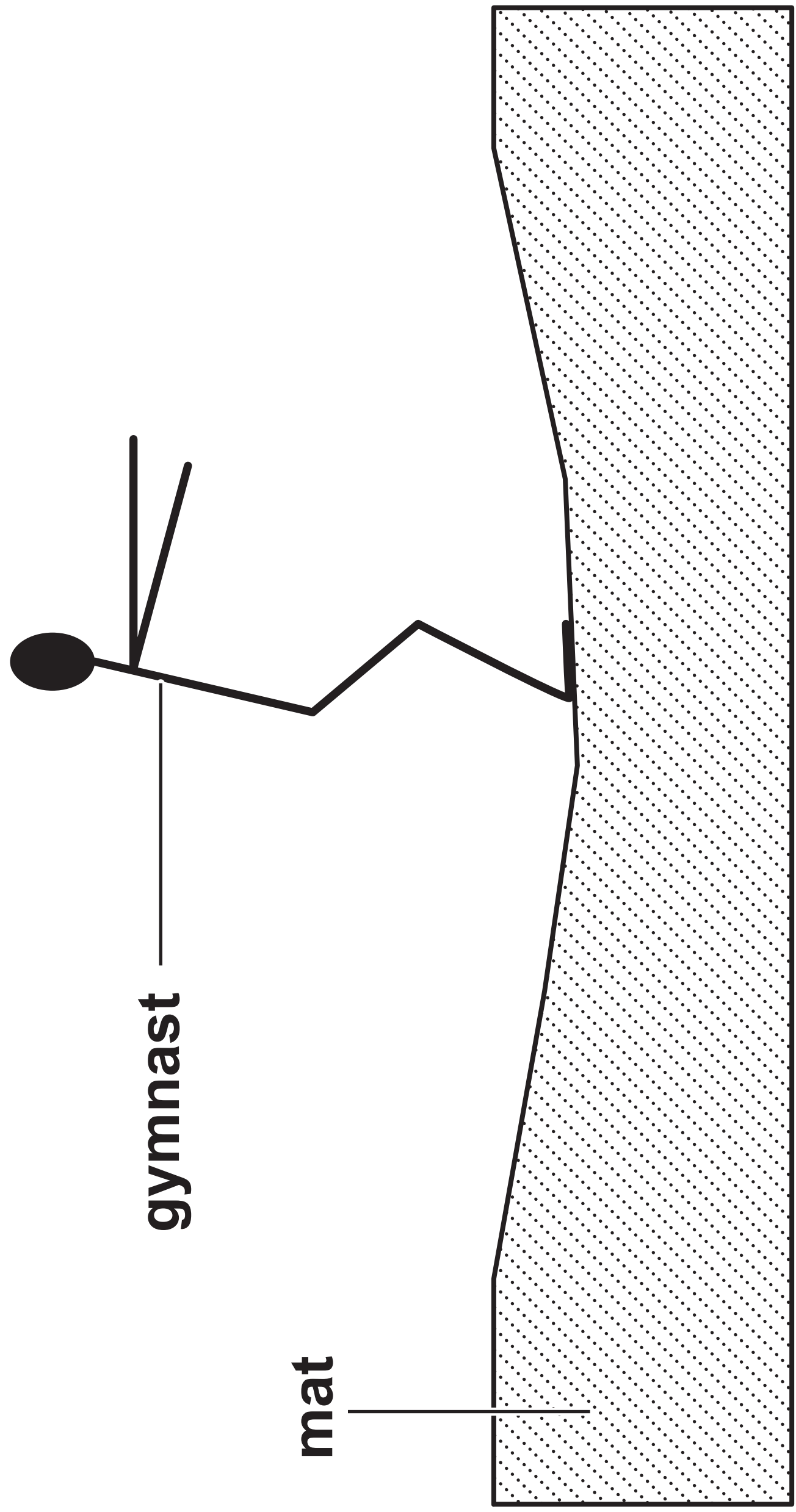
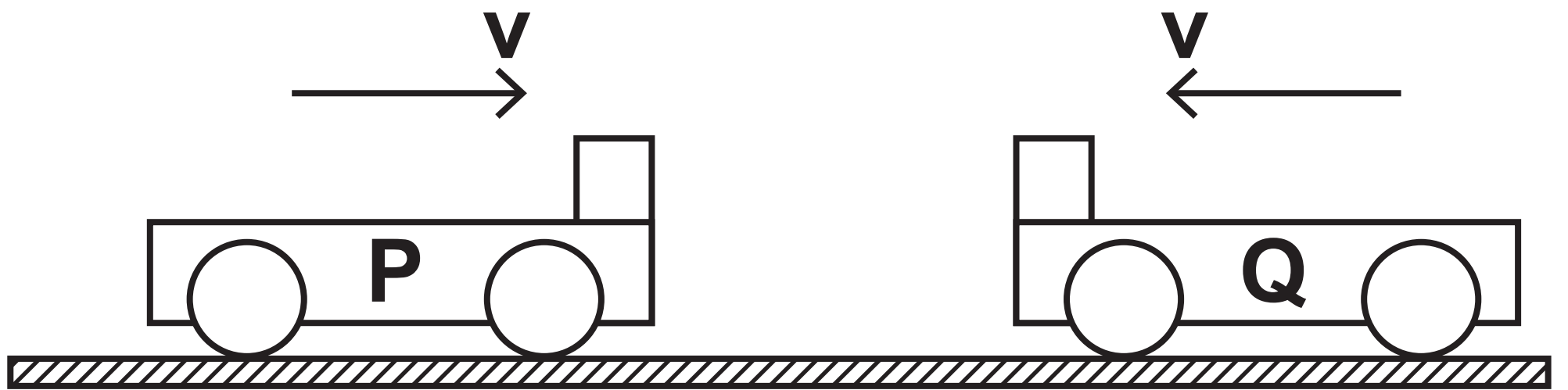


FIGURE 8



Question 6(c)

FIGURE 9



Question 5(d)(iv)

