

Paper Reference(s) 1PH0/1F
Pearson Edexcel Level 1/Level 2 GCSE (9–1)

Physics
PAPER 1
Foundation Tier

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.

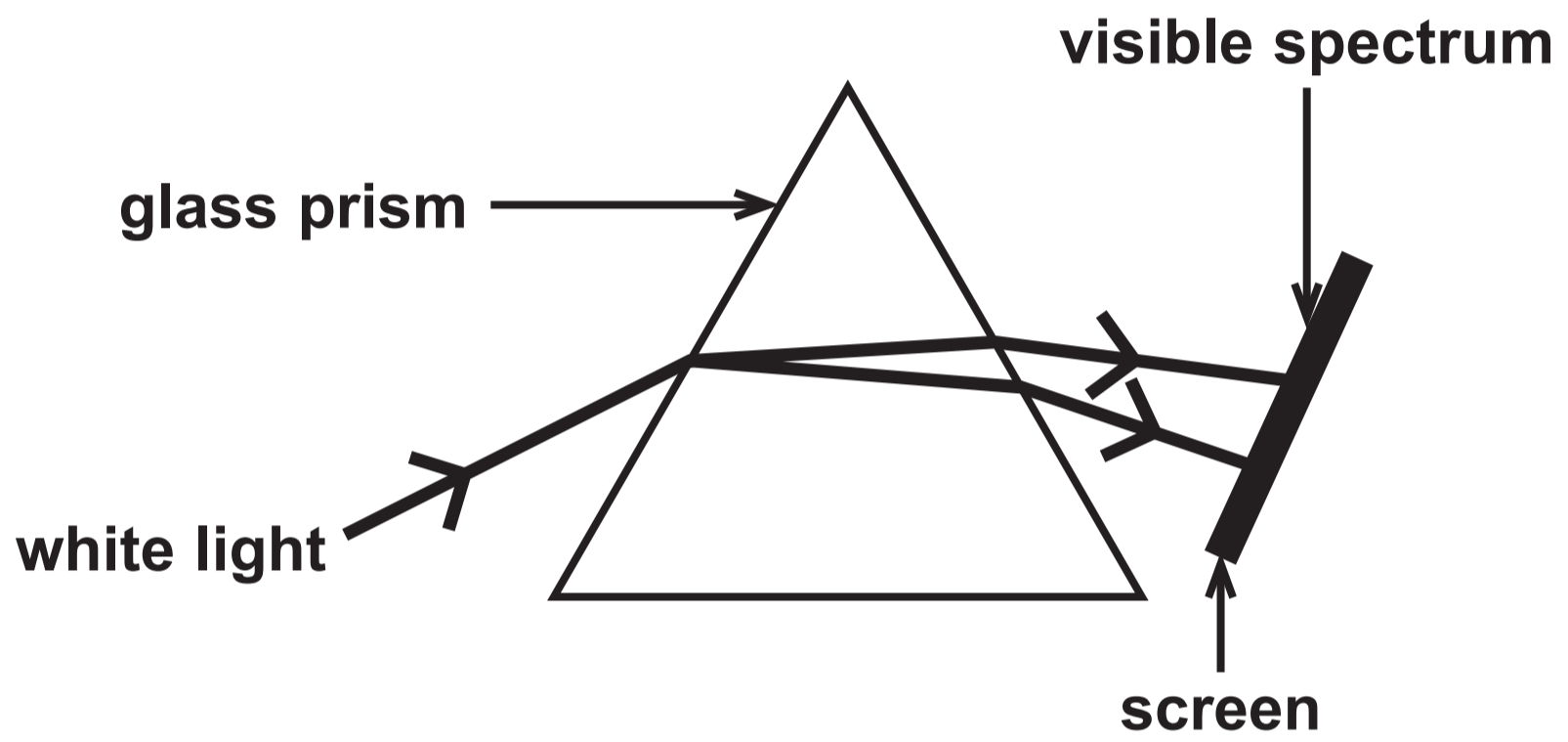
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Question 1(a)

FIGURE 1



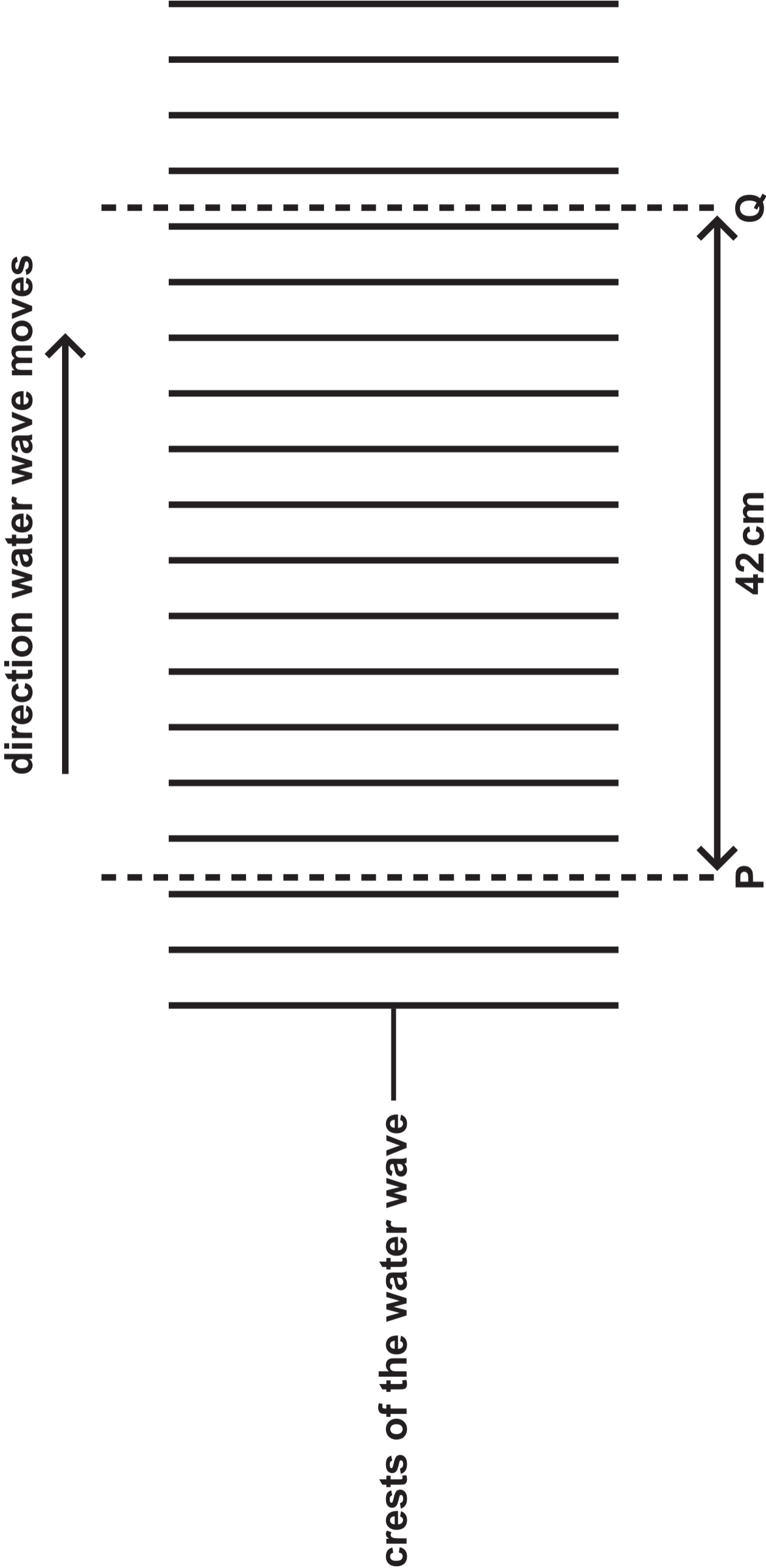
Question 1(b)

FIGURE 2

radio	microwaves	infrared	visible light	ultraviolet	x-rays	gamma rays
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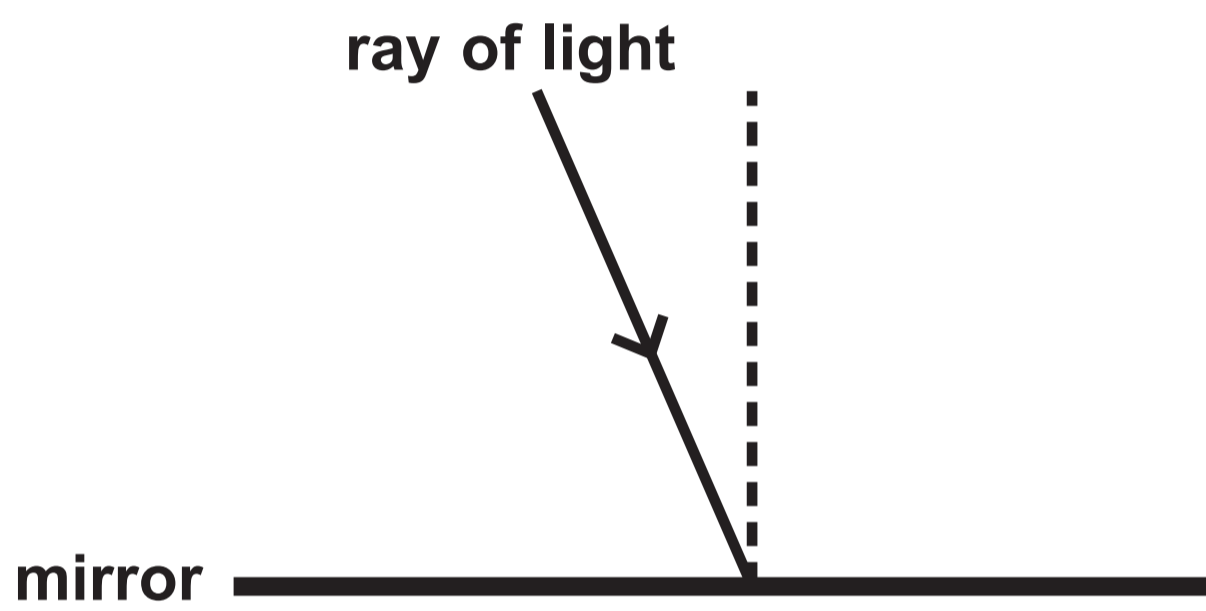
Question 2(a)

FIGURE 3



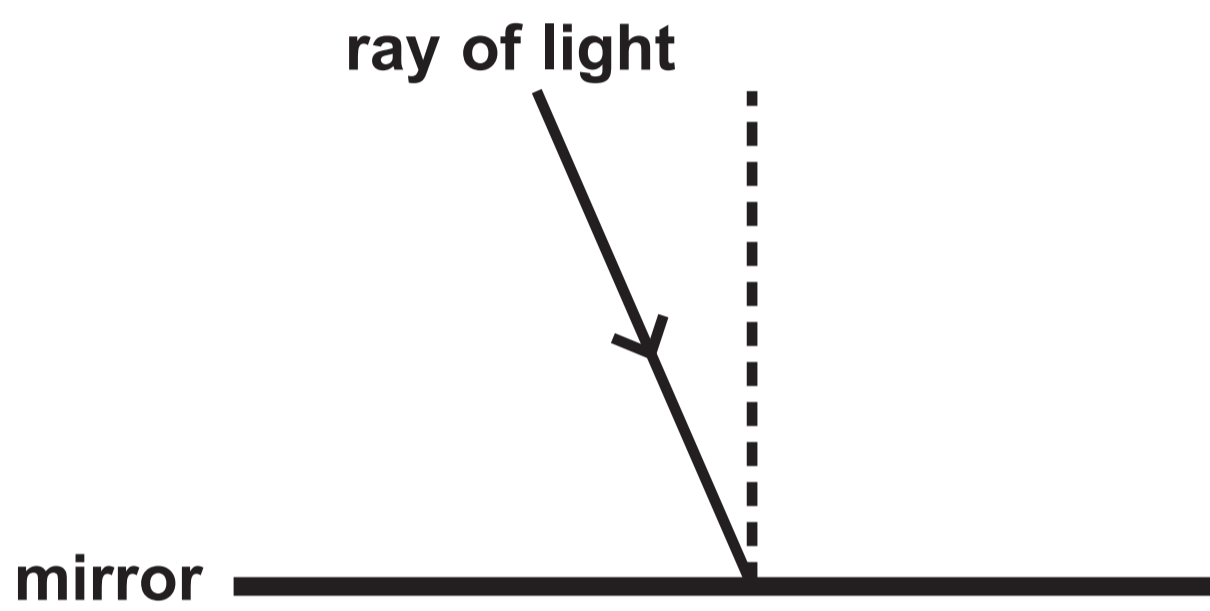
Question 3(a)(i)

FIGURE 4



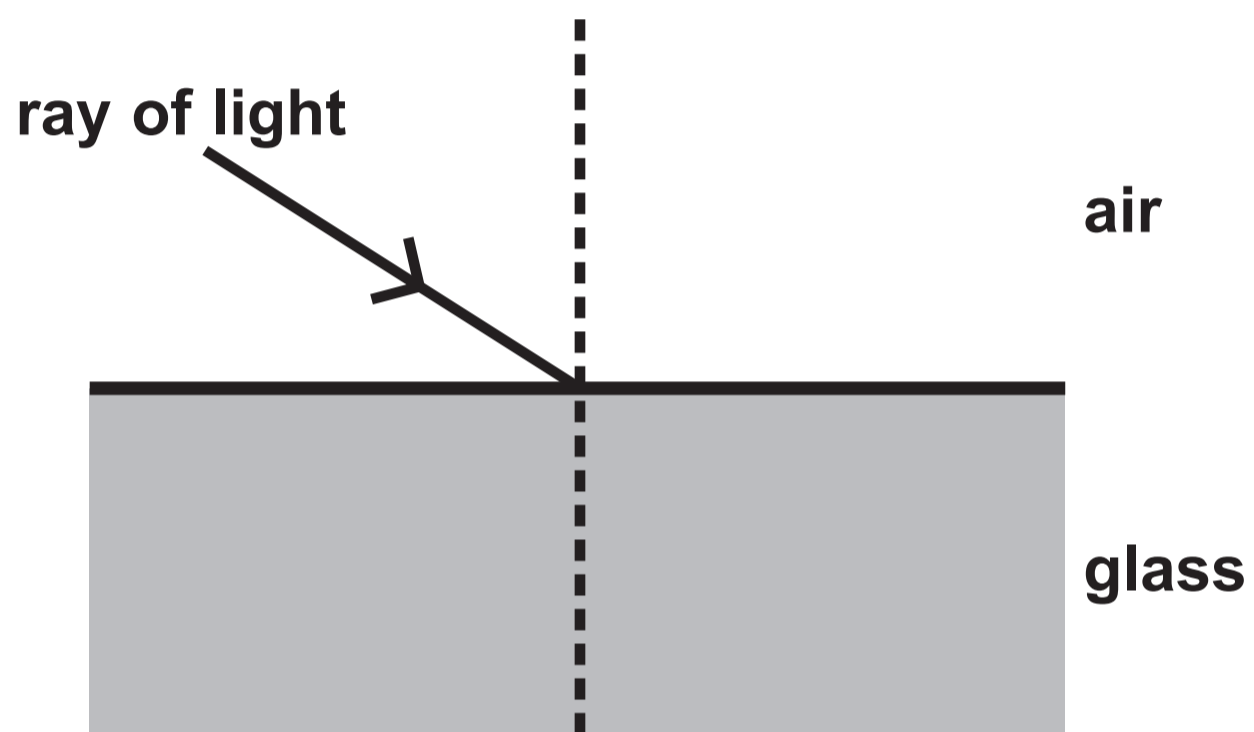
Question 3(a)(i)

FIGURE 4



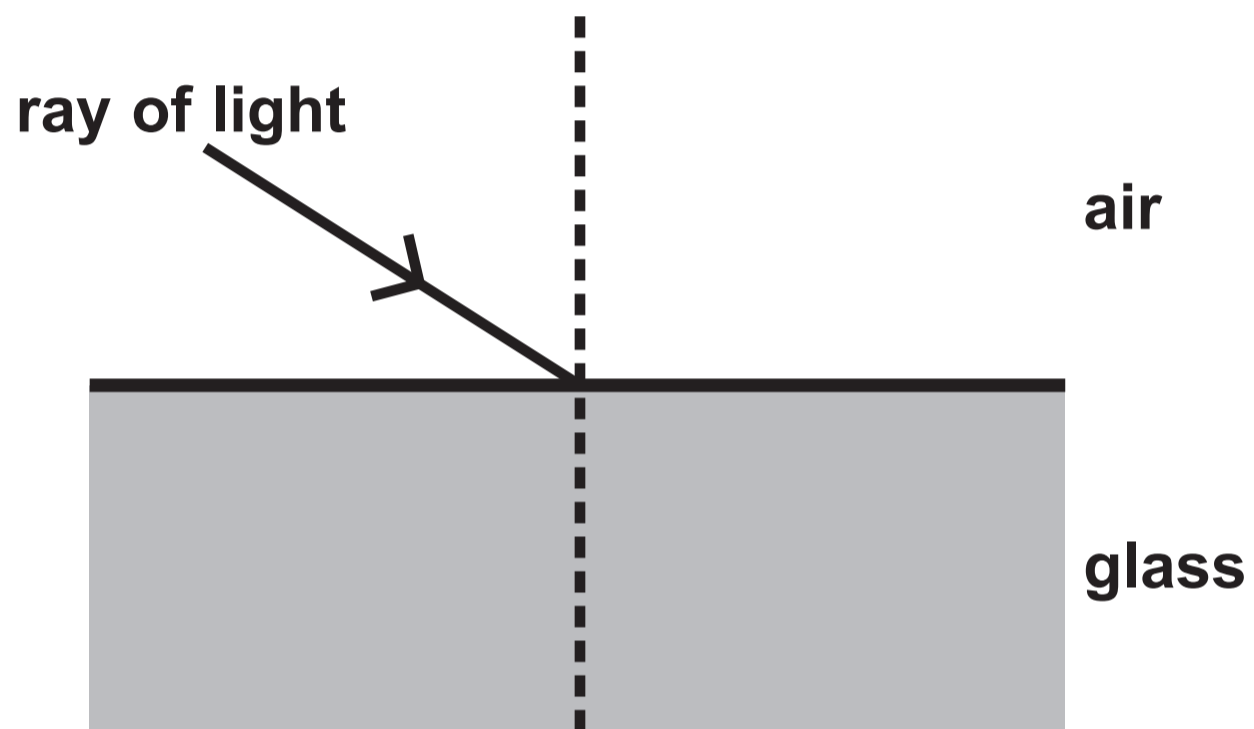
Question 3(a)(ii)

FIGURE 5



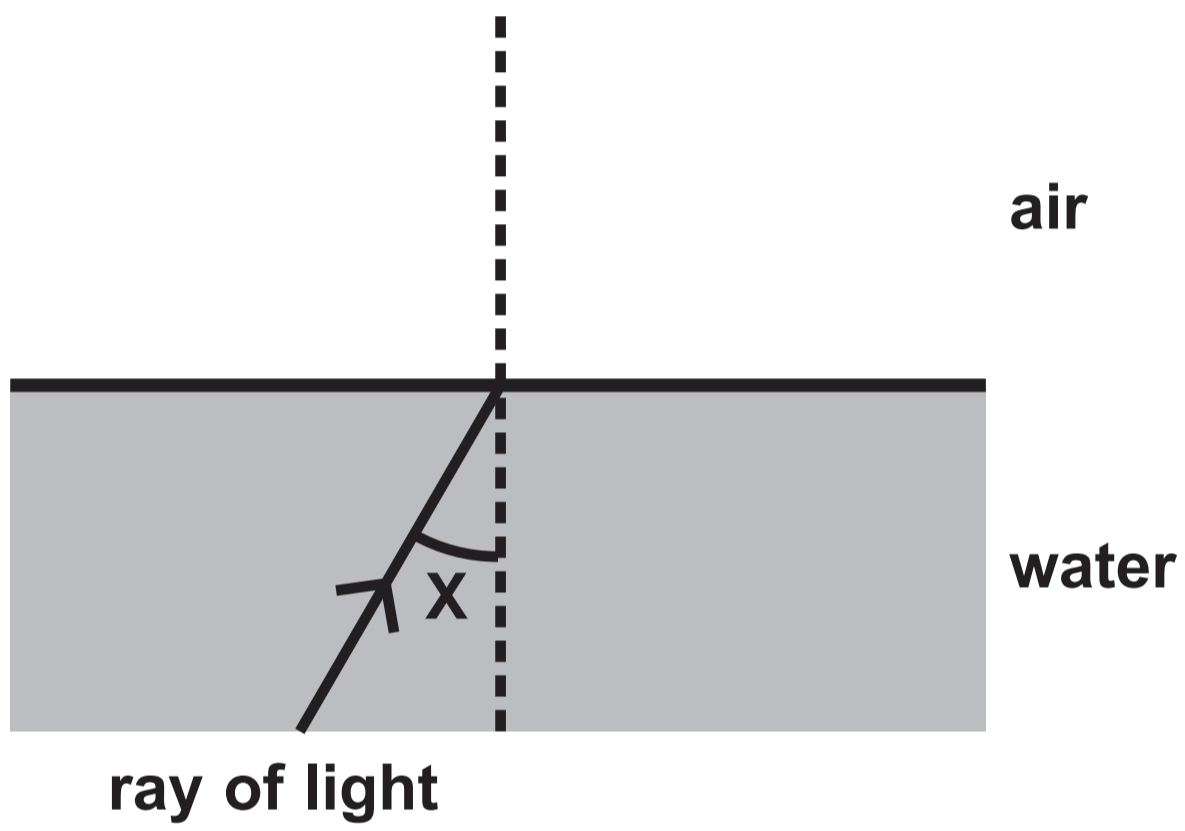
Question 3(a)(ii)

FIGURE 5



Question 3(a)(iii)

FIGURE 6



Question 3(a)(iii)

FIGURE 6

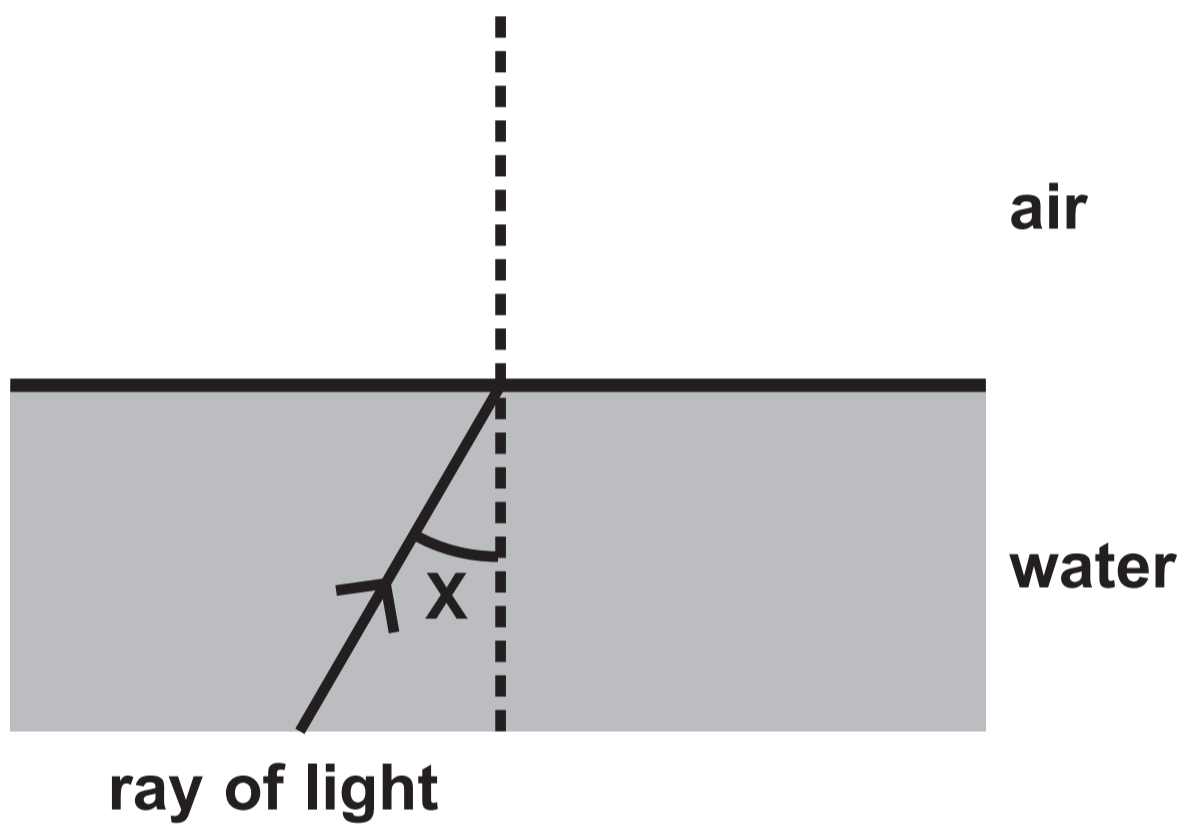
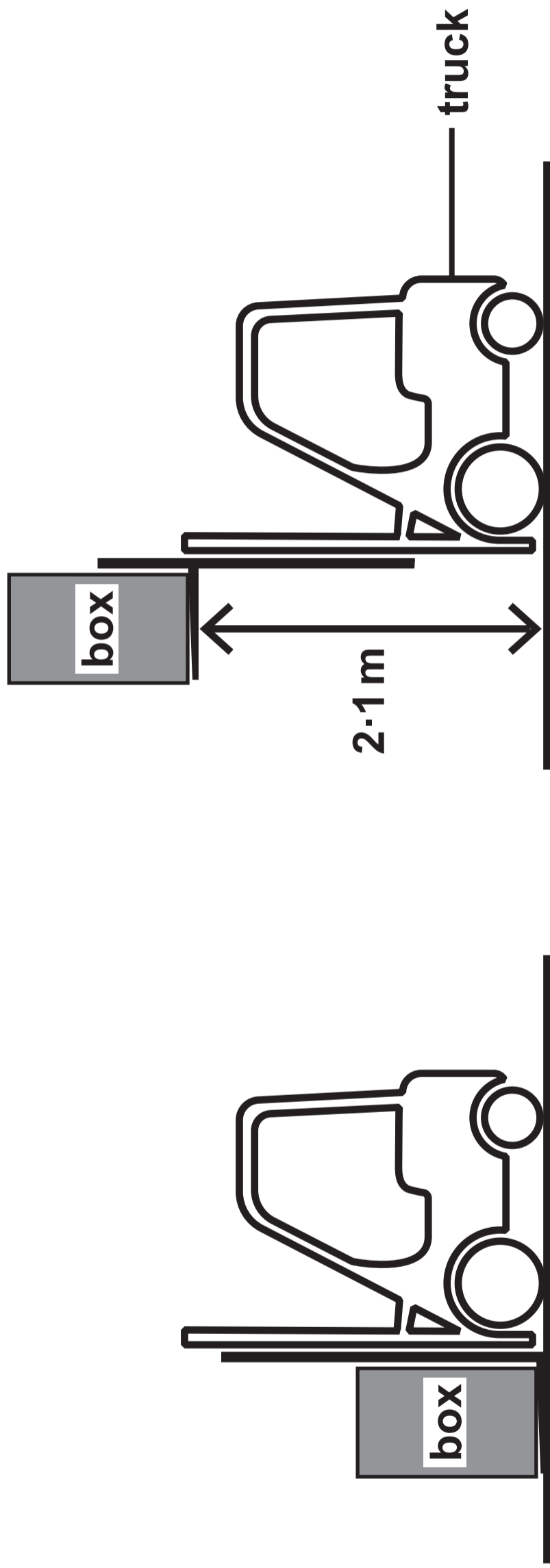
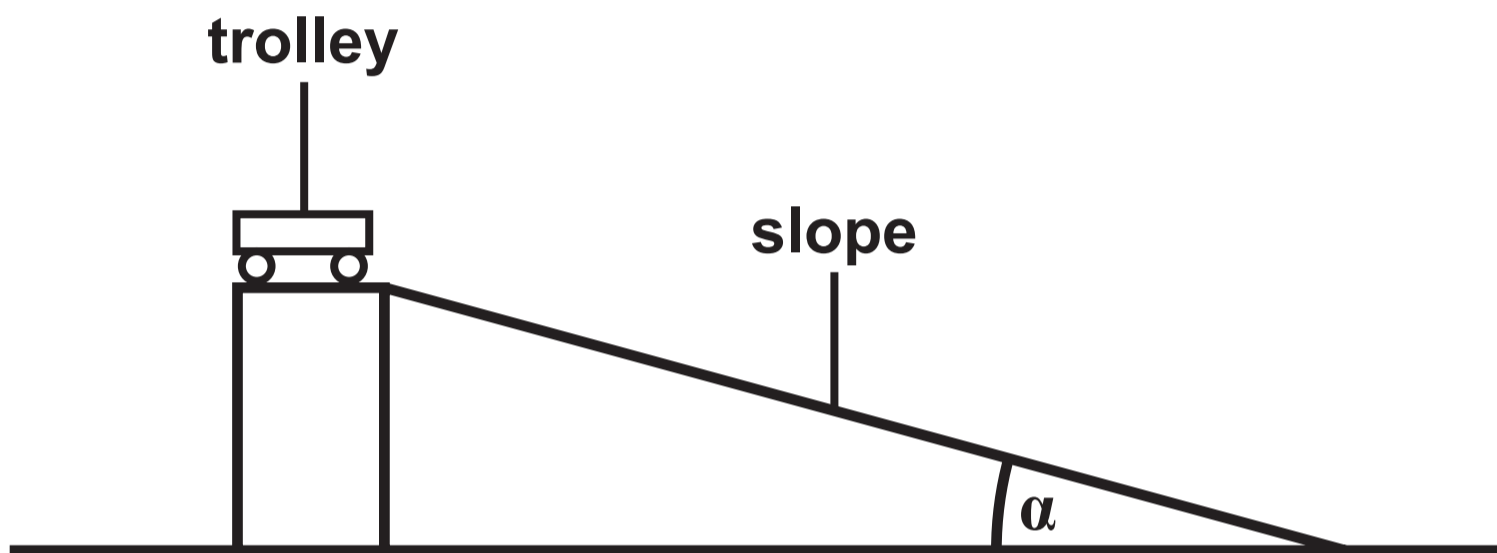


FIGURE 7



Question 4(c)

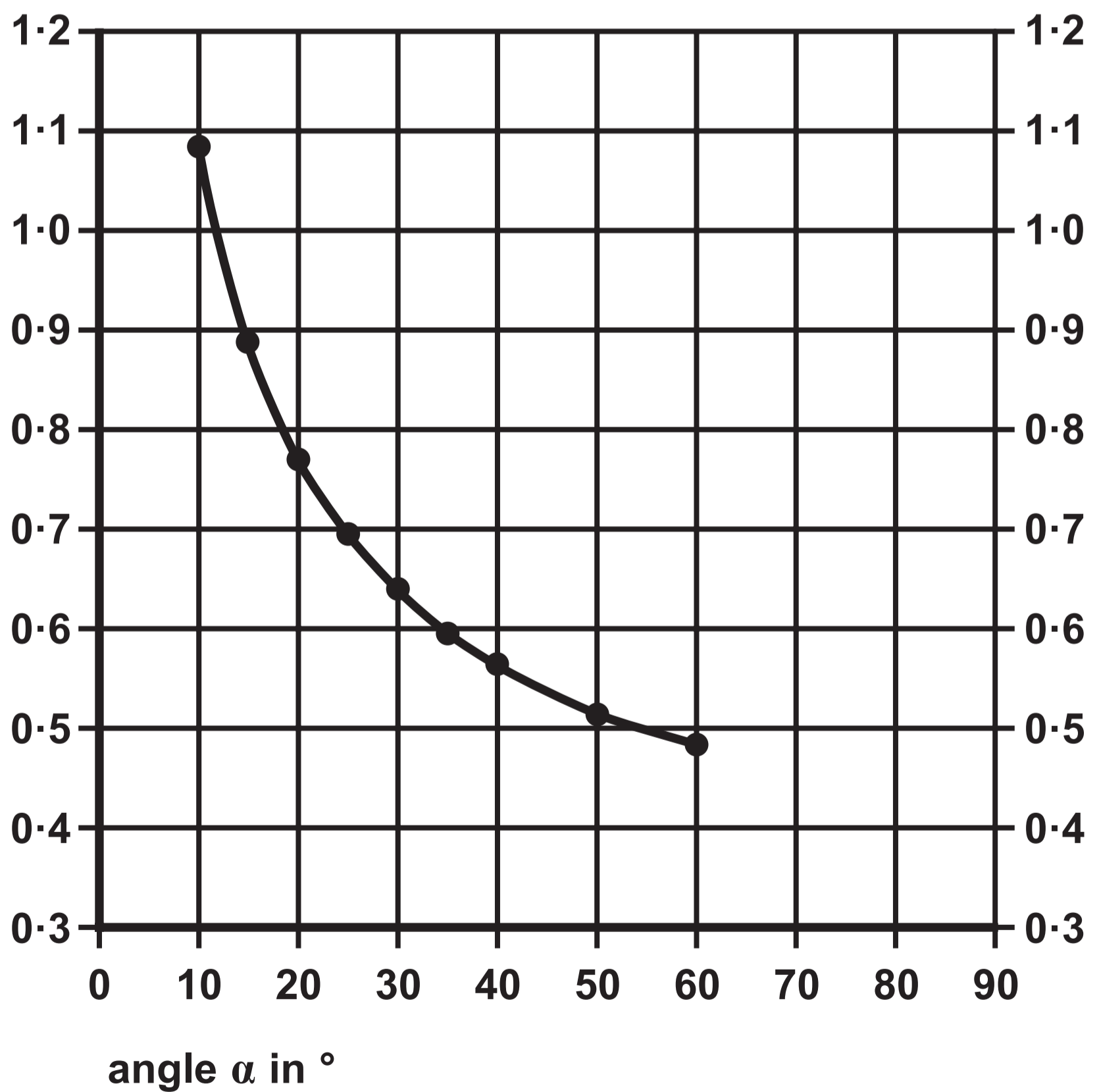
FIGURE 8



Question 4(c)(i)

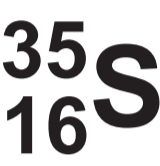
FIGURE 9

time the trolley takes
to roll down the ramp
in s



Question 6(b)

FIGURE 11



type of particle

proton

neutron

nucleon

number of particles

35

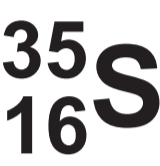
16

51

19

Question 6(b)

FIGURE 11



type of particle

proton

neutron

nucleon

number of particles

35

16

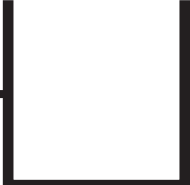
51

19

Question 8(b)

FIGURE 12

small copper can — 

large copper can — 

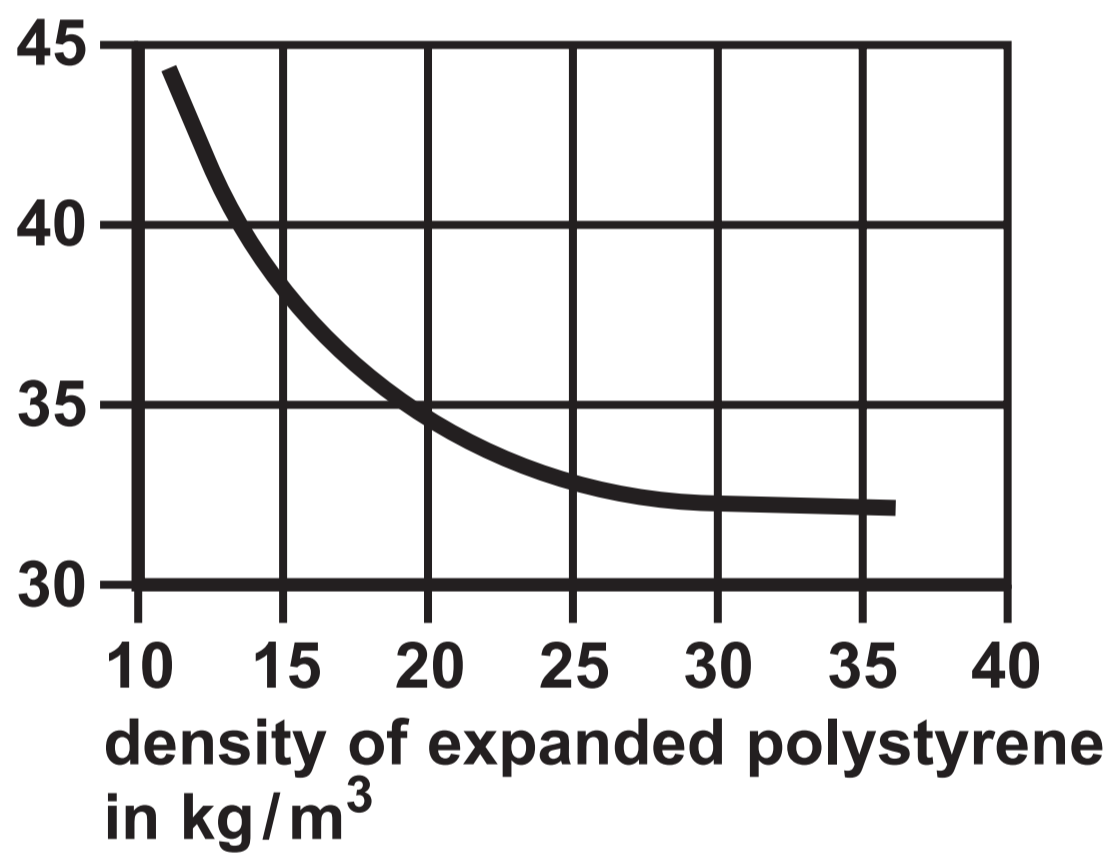
sand — 

sawdust — 

Question 8(c)

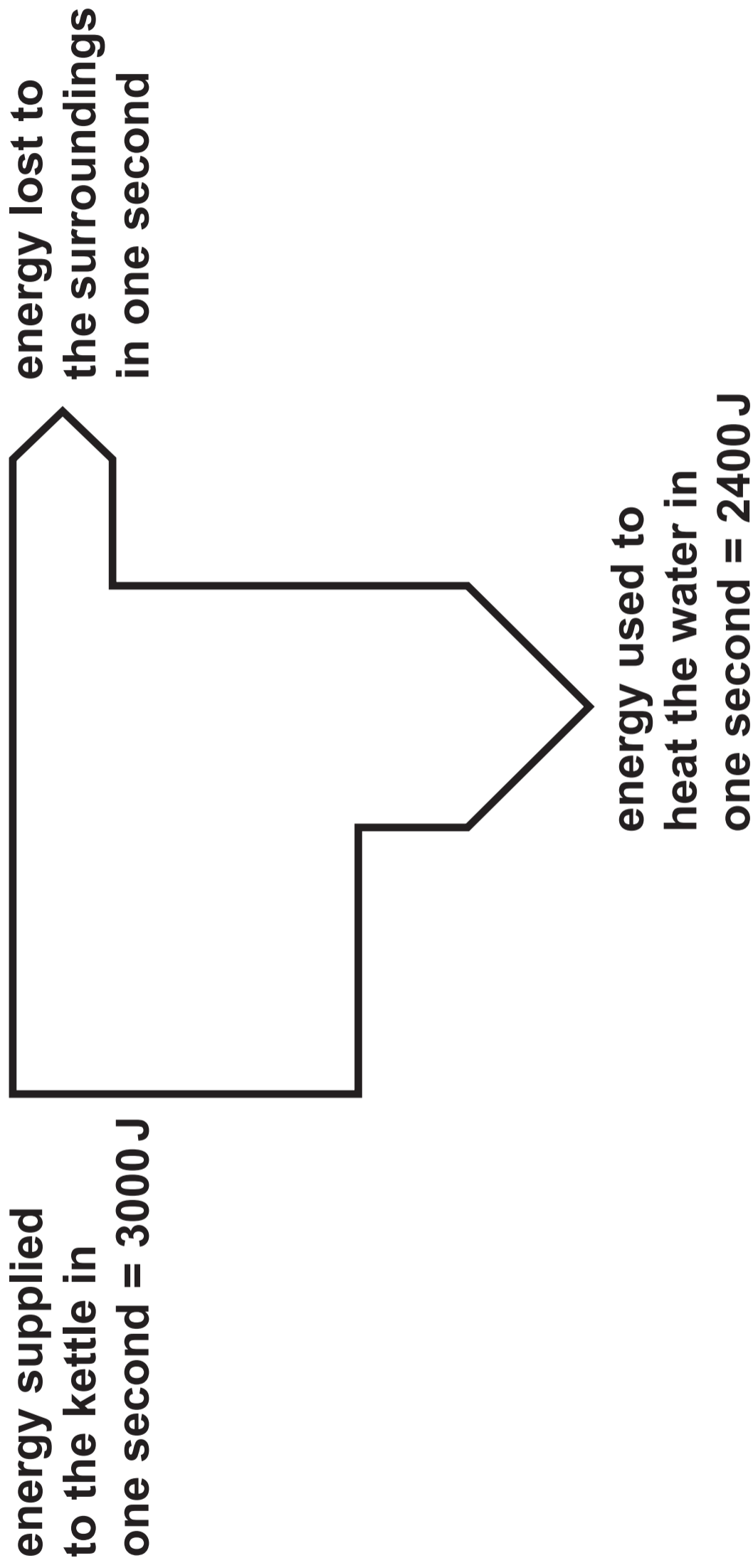
FIGURE 13

thermal conductivity of
expanded polystyrene
in mW/m.K



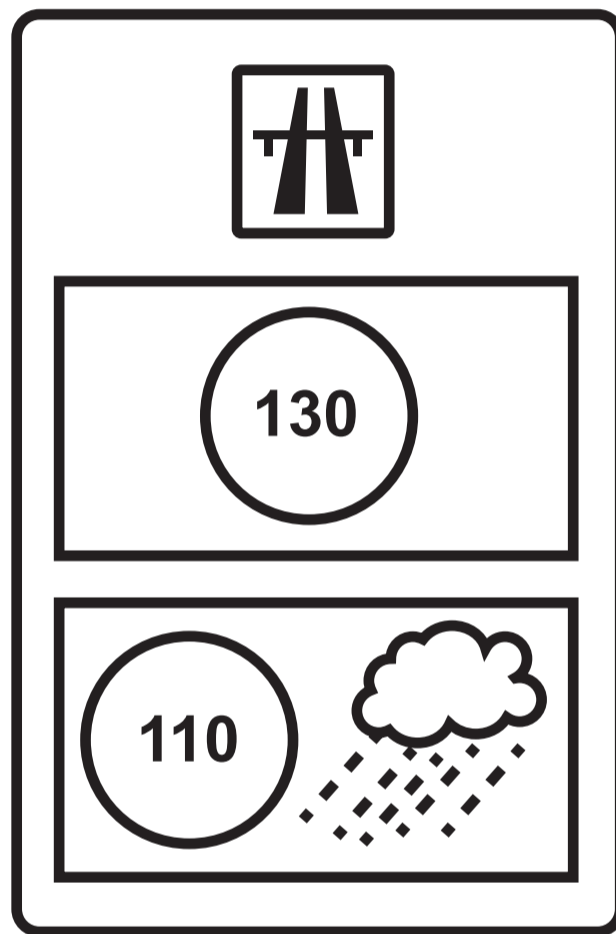
Question 8(d)

FIGURE 14



Question 9(a)

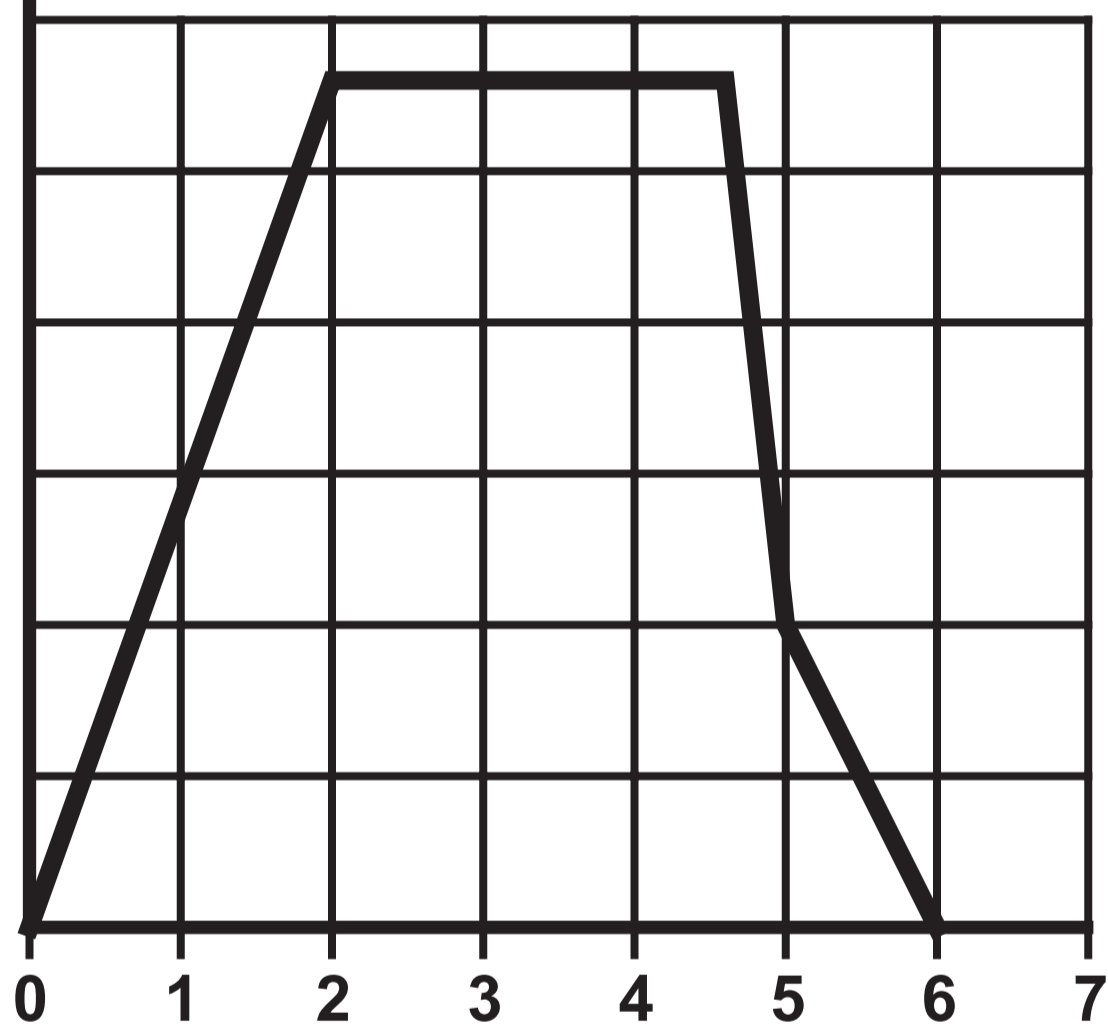
FIGURE 15



Question 9(b)

FIGURE 16

velocity of toy train



time in s

FIGURE 17

