

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.**

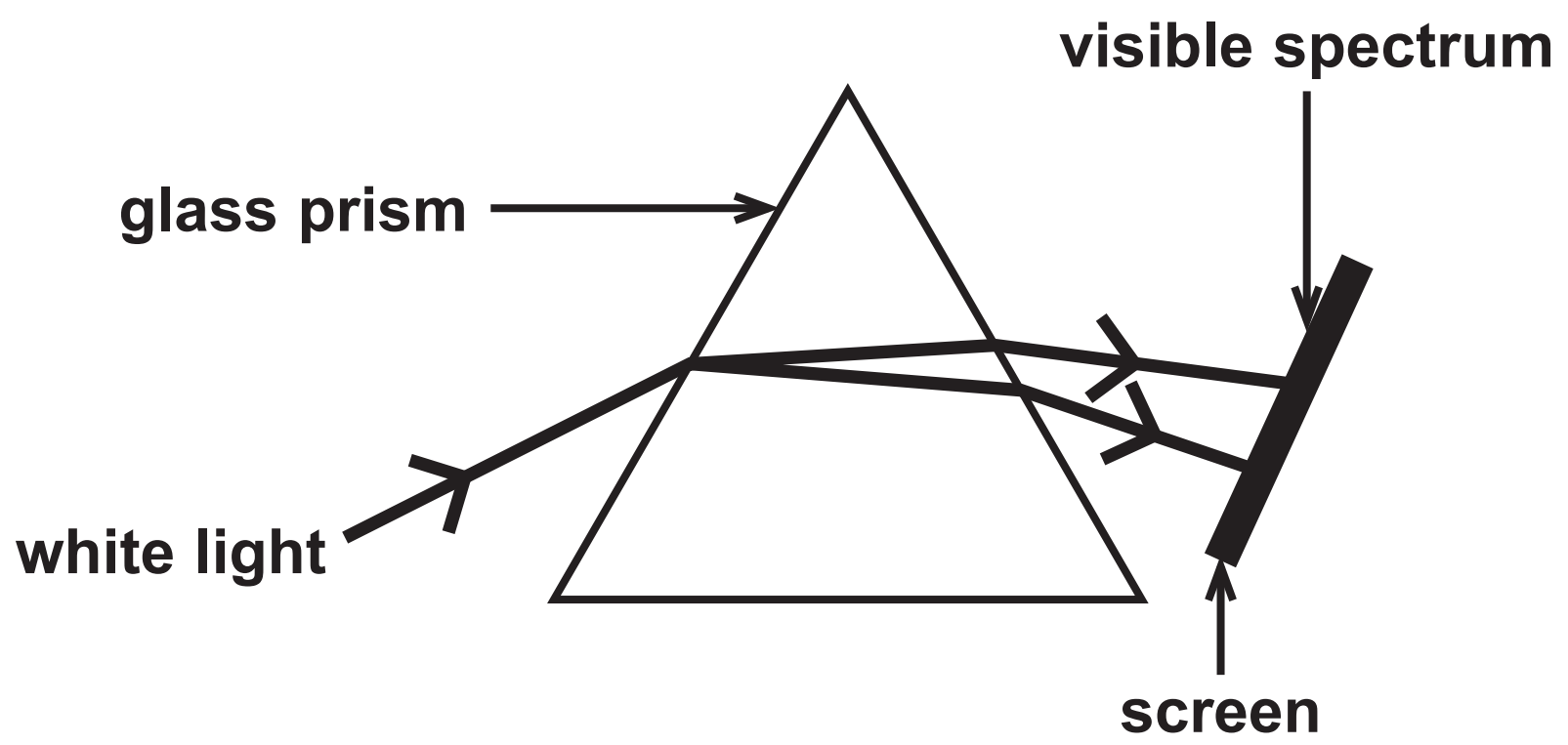
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## Question 1(a)

FIGURE 1



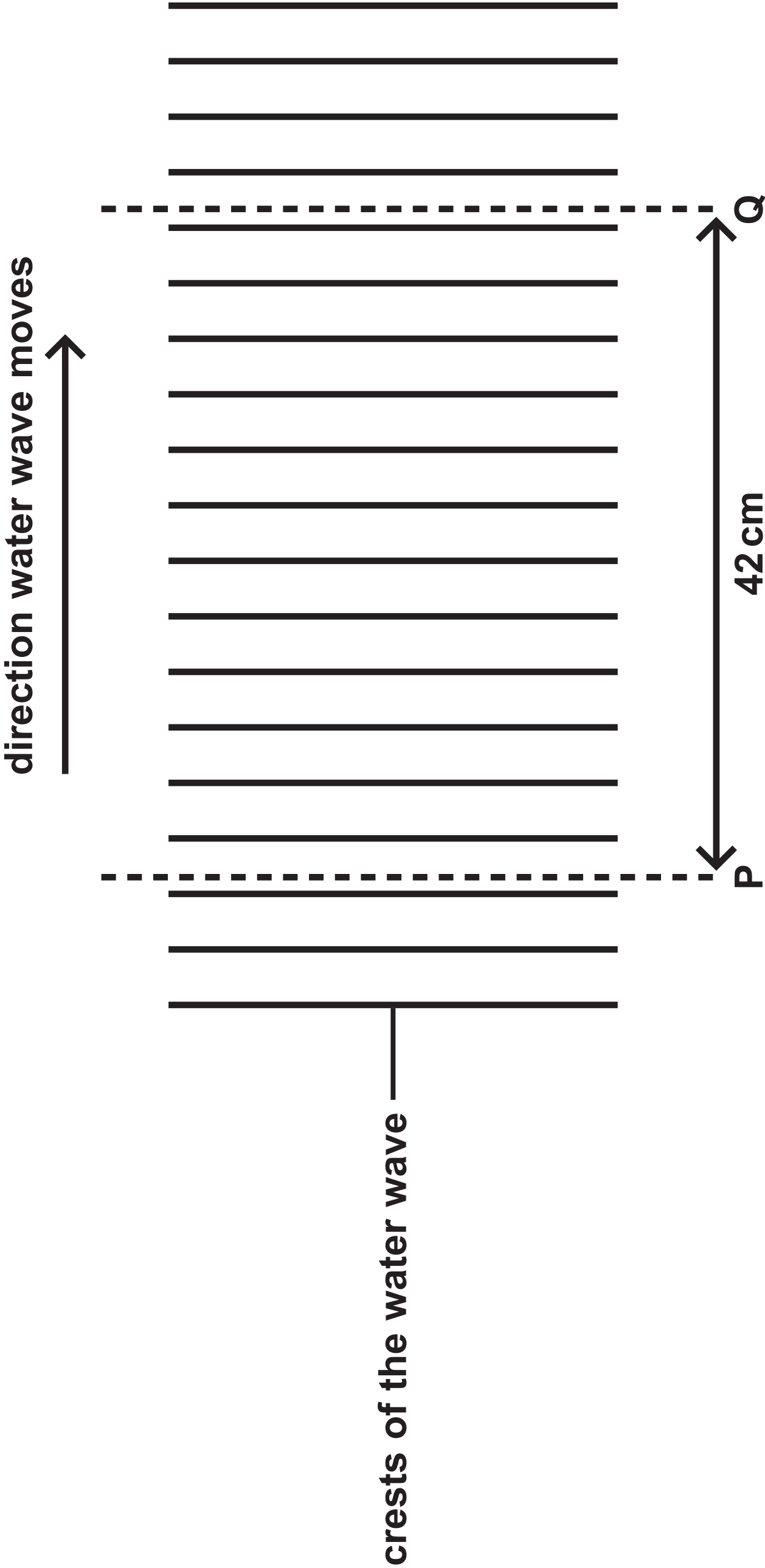
Question 1(b)

FIGURE 2

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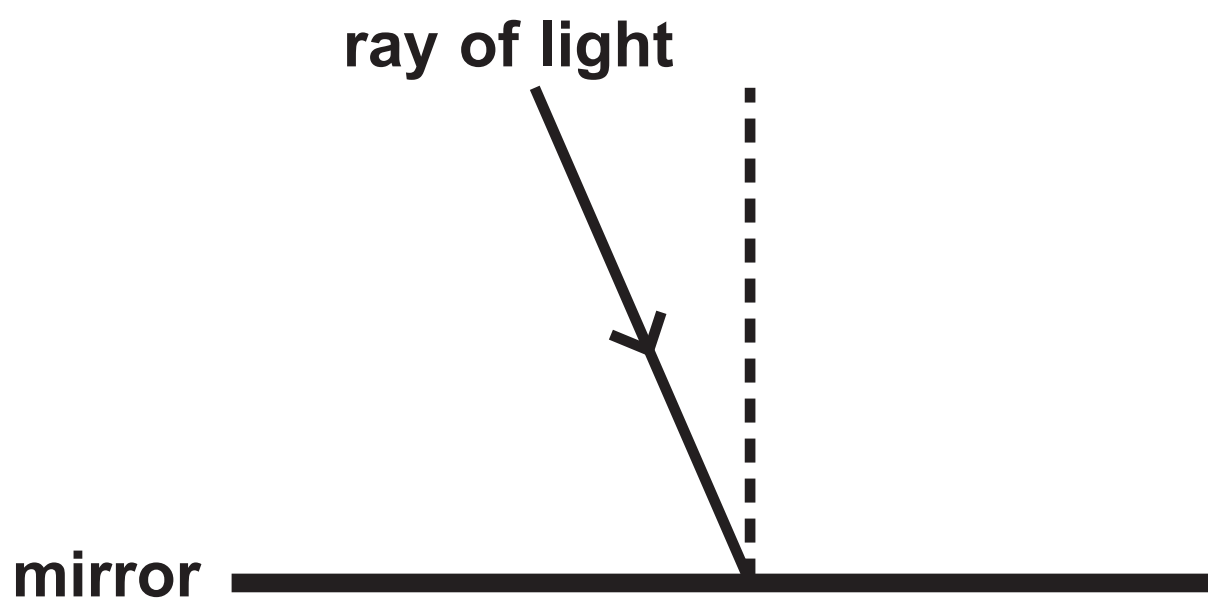
Question 2(a)

FIGURE 3



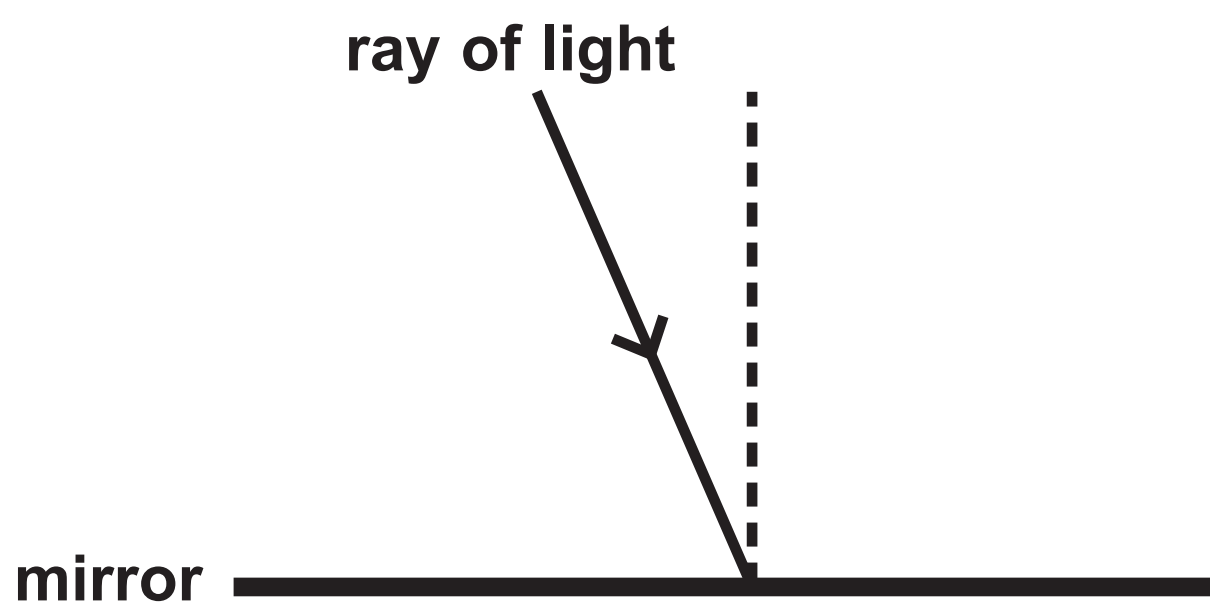
## Question 3(a)(i)

FIGURE 4



## Question 3(a)(i)

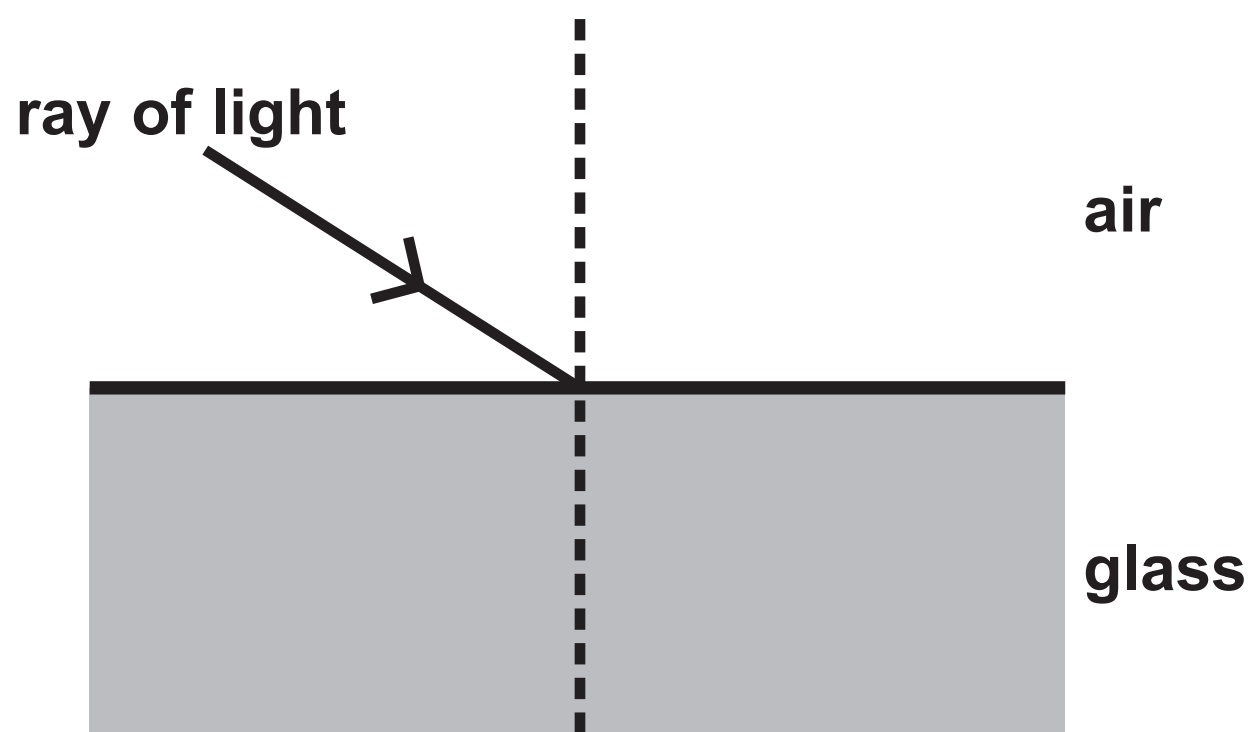
FIGURE 4





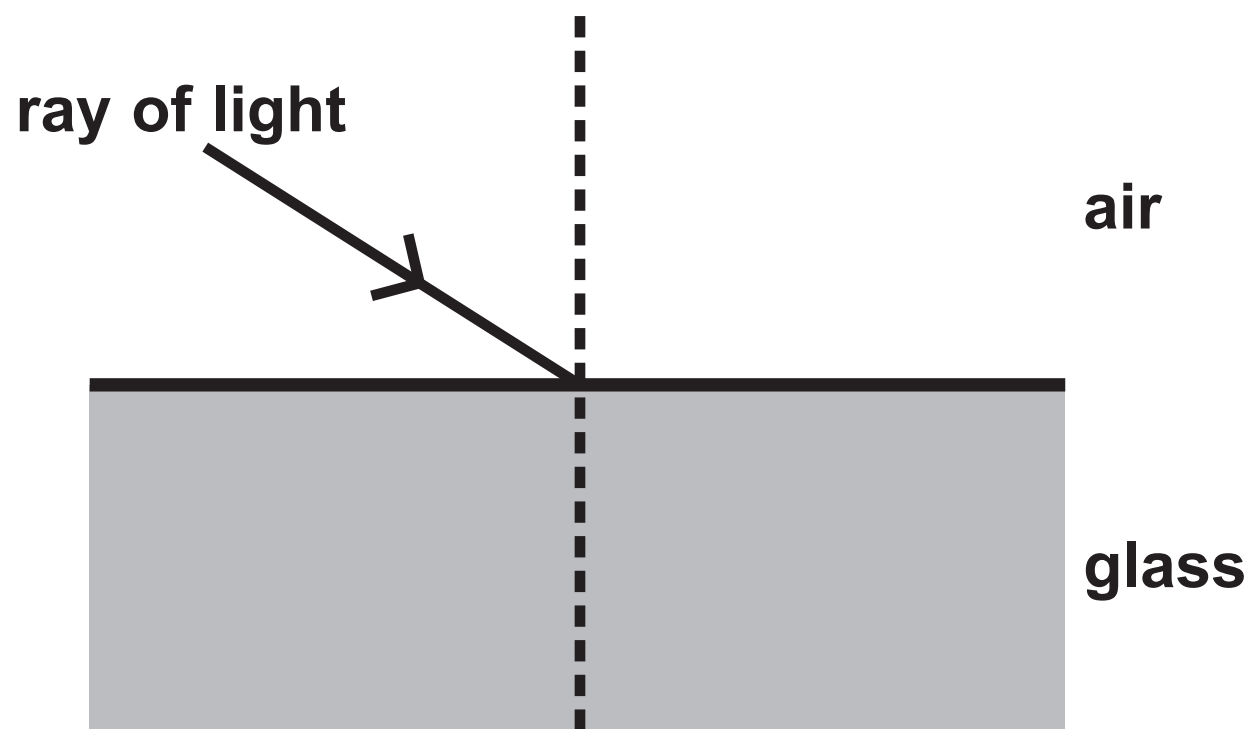
## Question 3(a)(ii)

FIGURE 5



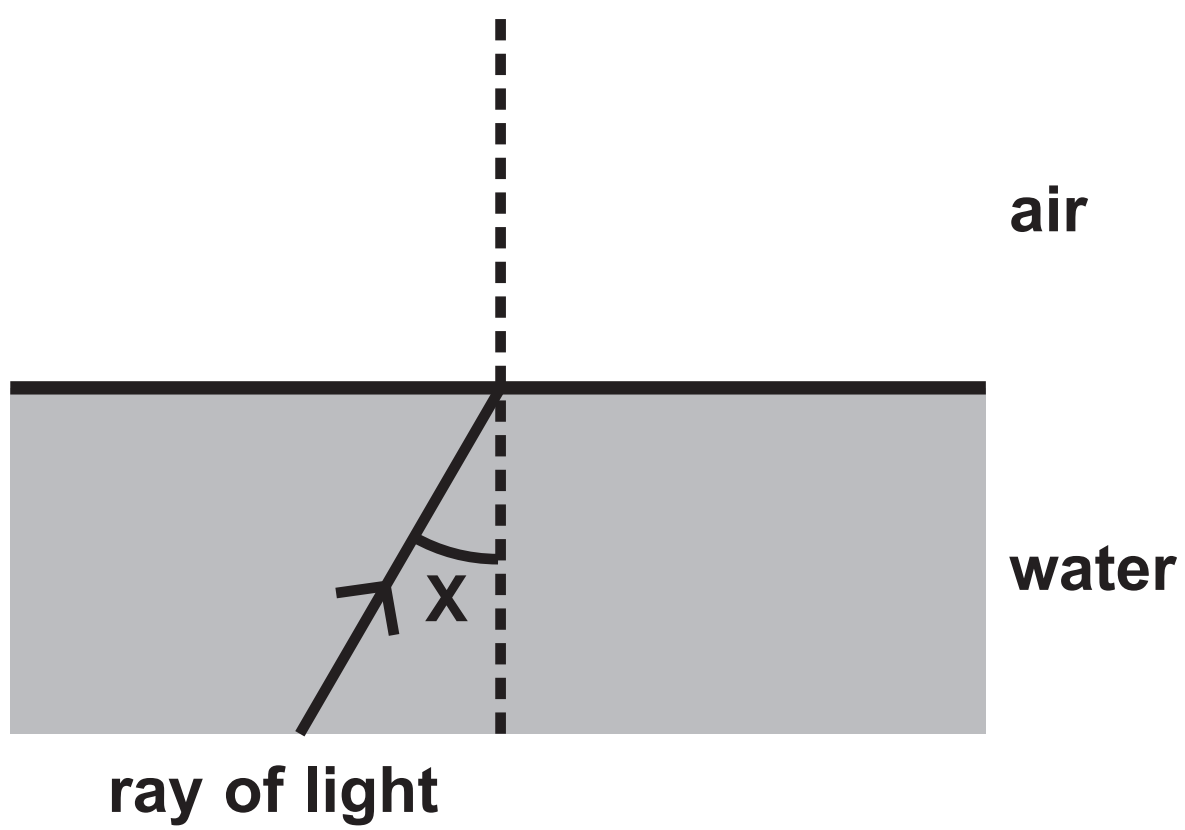
## Question 3(a)(ii)

FIGURE 5



## Question 3(a)(iii)

FIGURE 6



## Question 3(a)(iii)

FIGURE 6

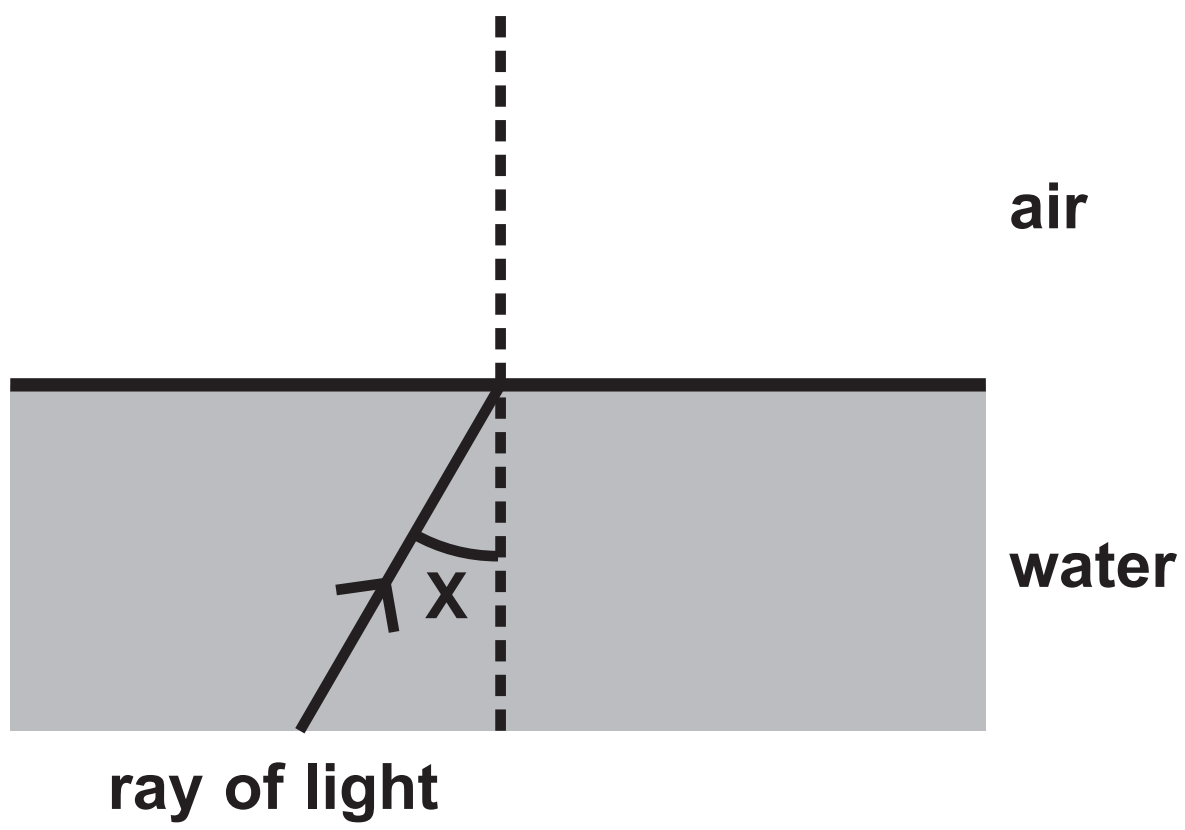
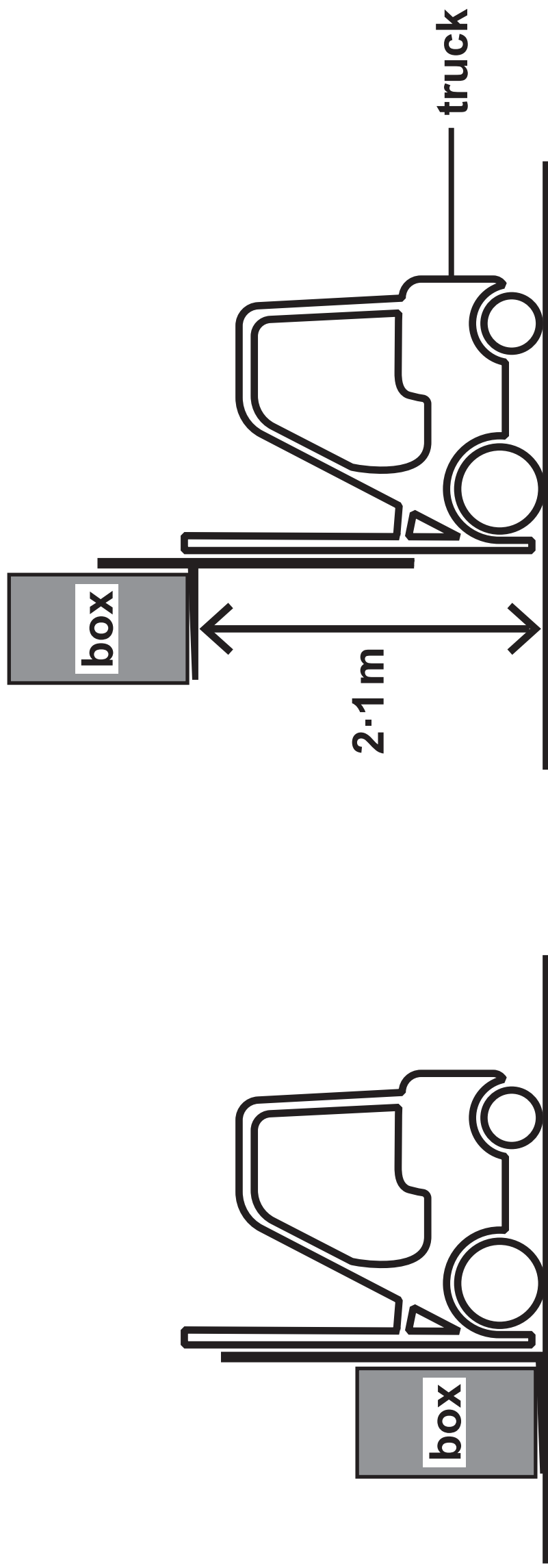
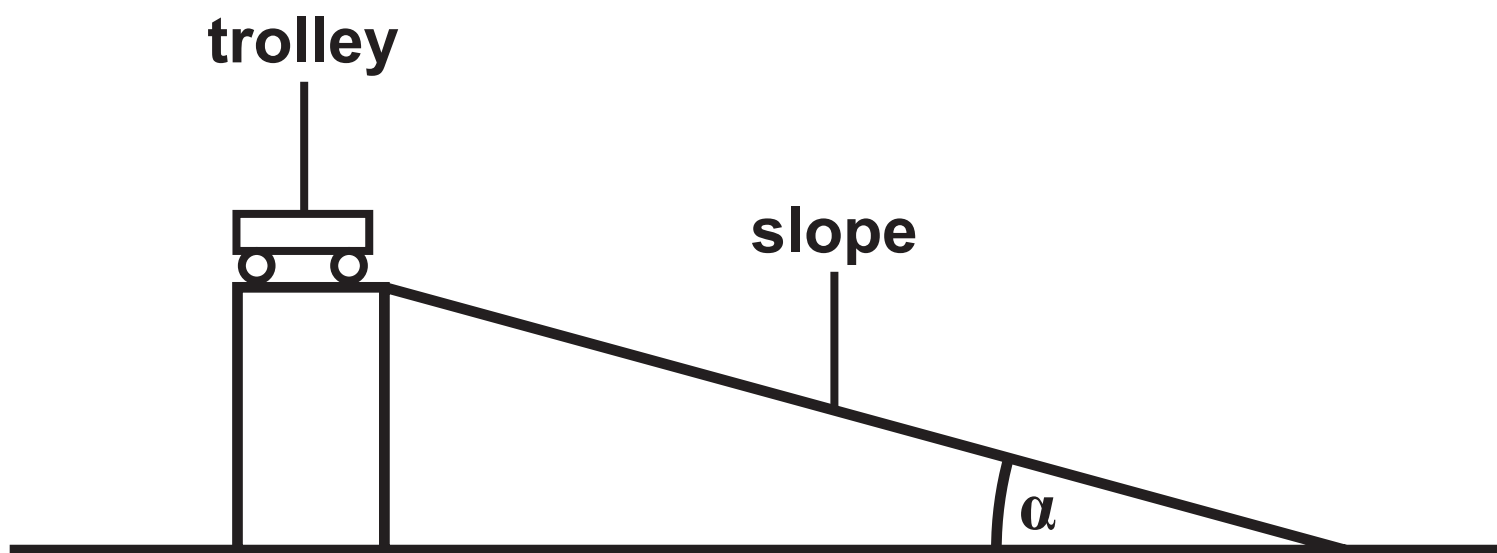


FIGURE 7



## Question 4(c)

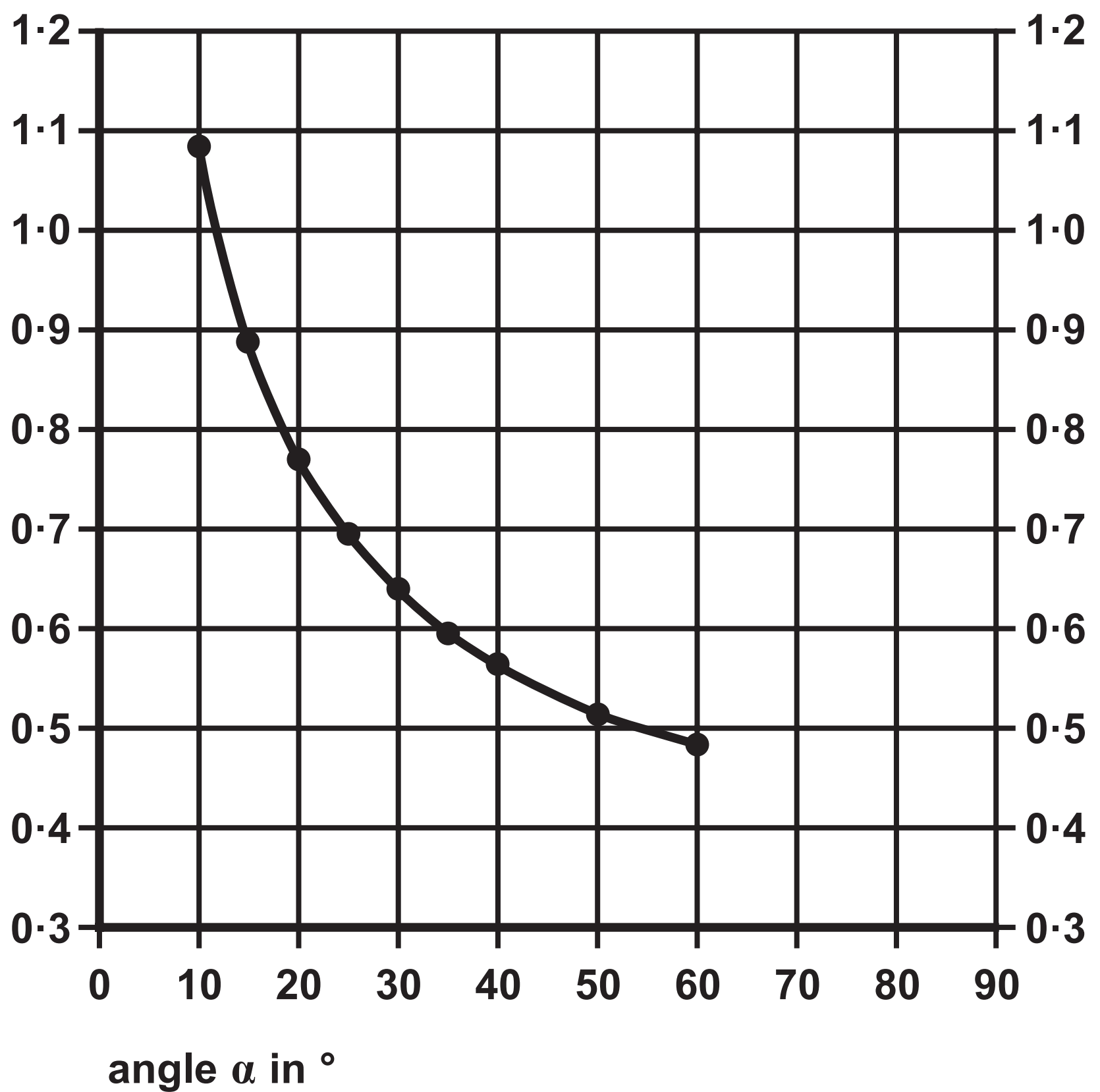
FIGURE 8



## Question 4(c)(i)

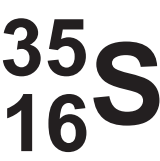
FIGURE 9

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

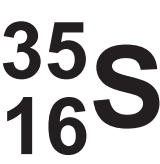
51

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 — 

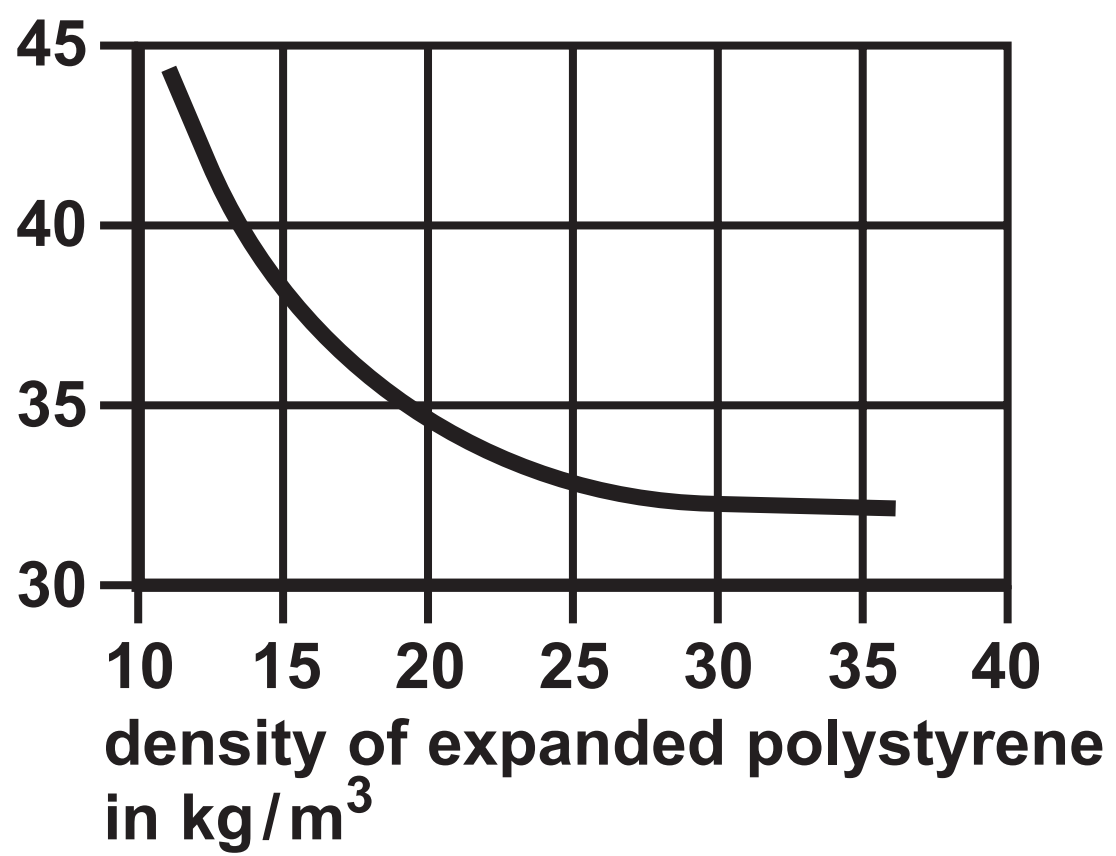
sand — 

sawdust — 

## Question 8(c)

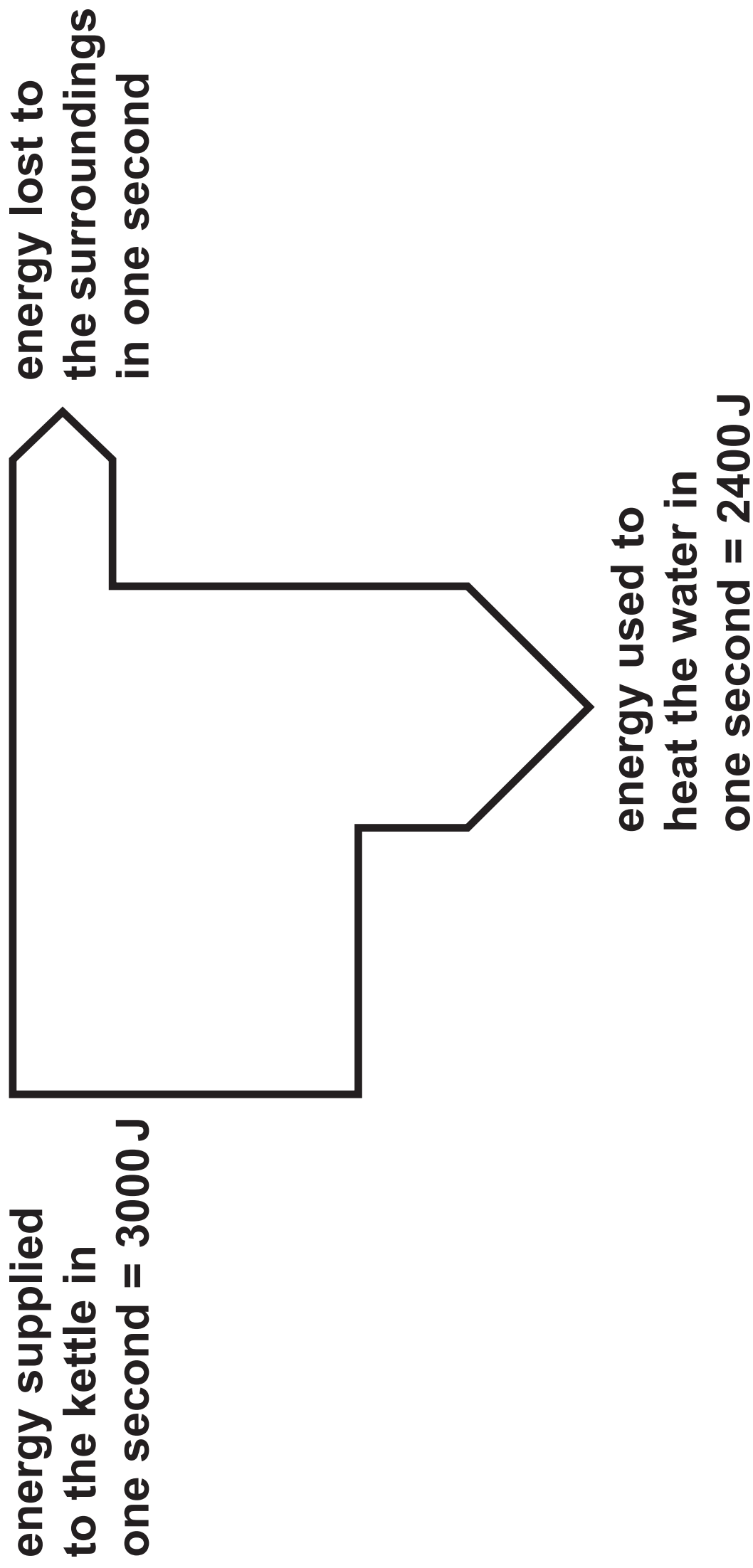
FIGURE 13

thermal conductivity of  
expanded polystyrene  
in mW/m.K



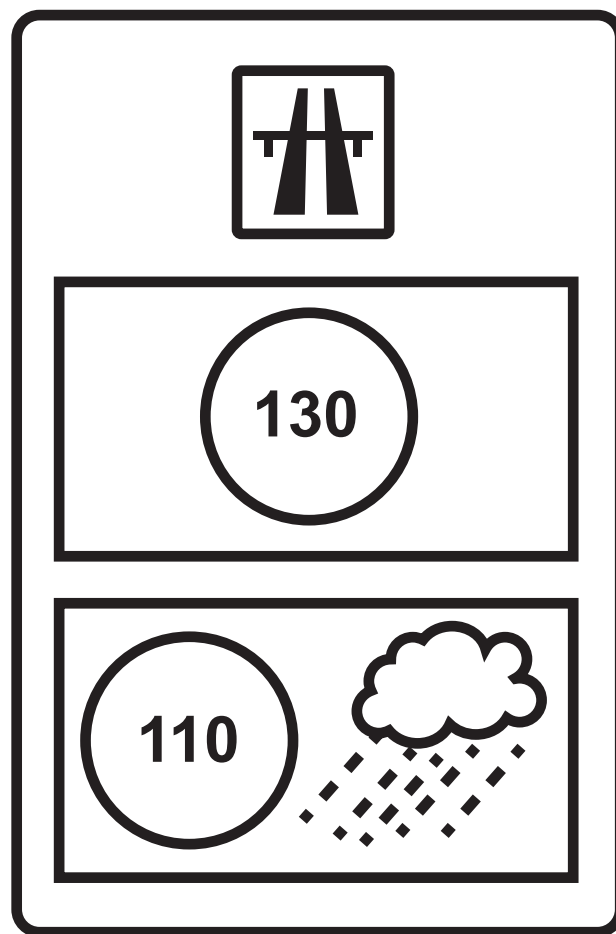
Question 8(d)

FIGURE 14



## Question 9(a)

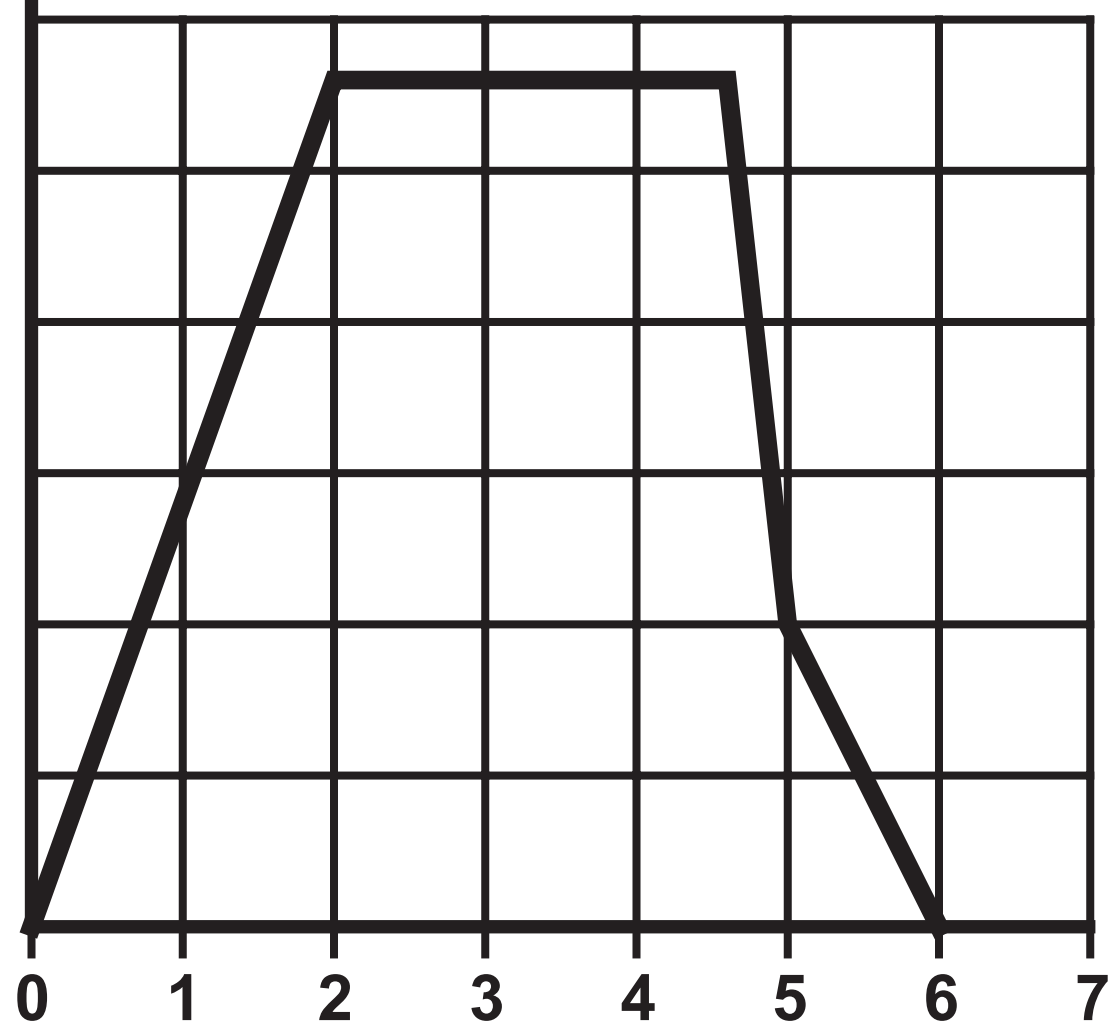
FIGURE 15



## Question 9(b)

FIGURE 16

velocity of toy train



time in s

FIGURE 17

