

Paper Reference 1MA1/3H  
Pearson Edexcel  
Level 1/Level 2 GCSE (9–1)

Mathematics  
Paper 3  
(Calculator)  
Higher Tier

Monday 11 November 2019 – Afternoon

Diagram Book

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.

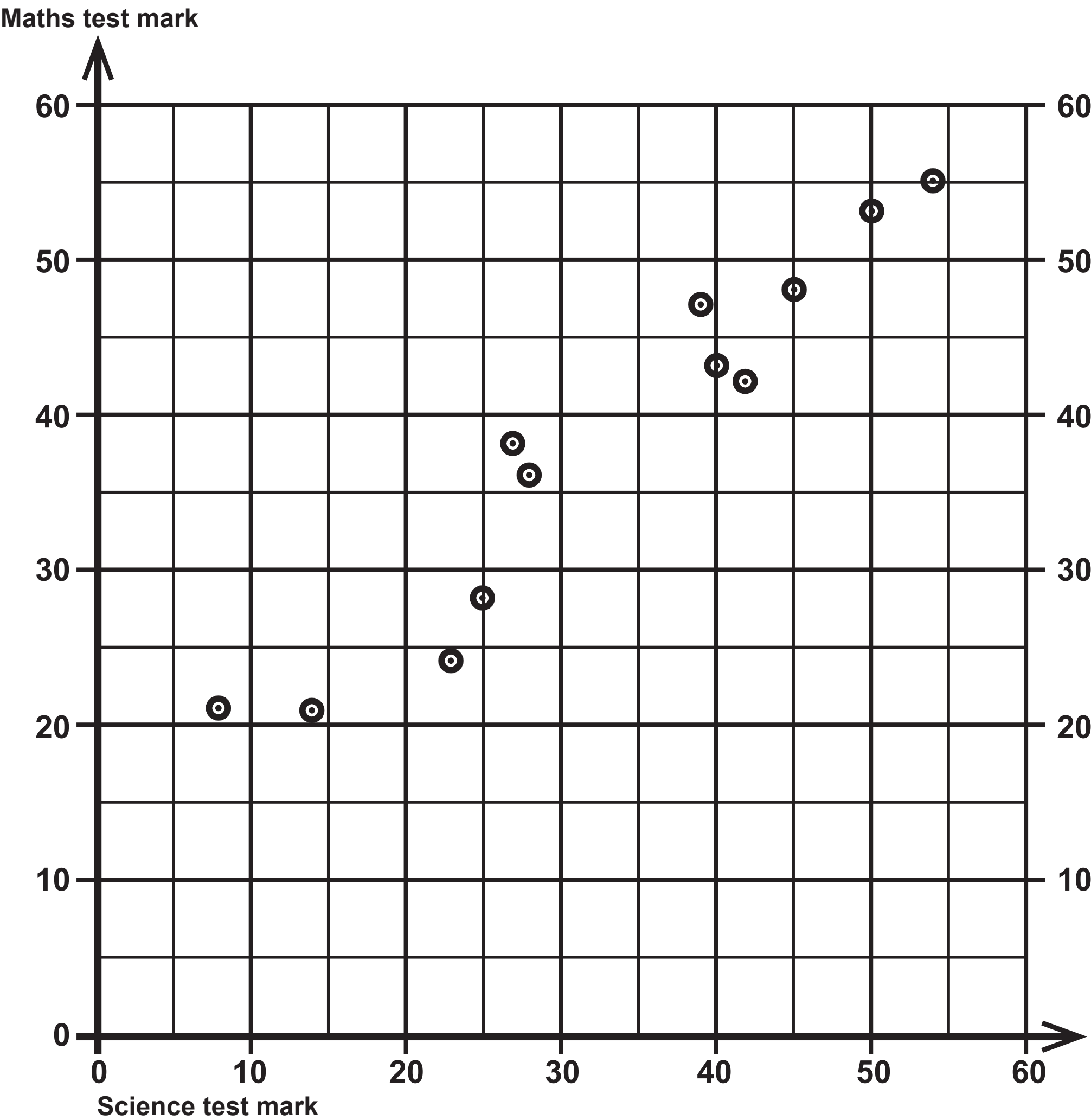
**THIS DIAGRAM BOOK **MUST** BE RETURNED WITH THE  
QUESTION PAPER AT THE END OF THE EXAMINATION.**

Contents

Page

4	Question 3
5	Question 4
6	Question 6
7	Question 8
8	Question 9
9	Question 11
10	Question 12
11	Question 12 (Spare copy)
12	Question 14
13	Question 17
14	Question 18
15	Question 19
16	Question 23
17	Question 24

Question 3



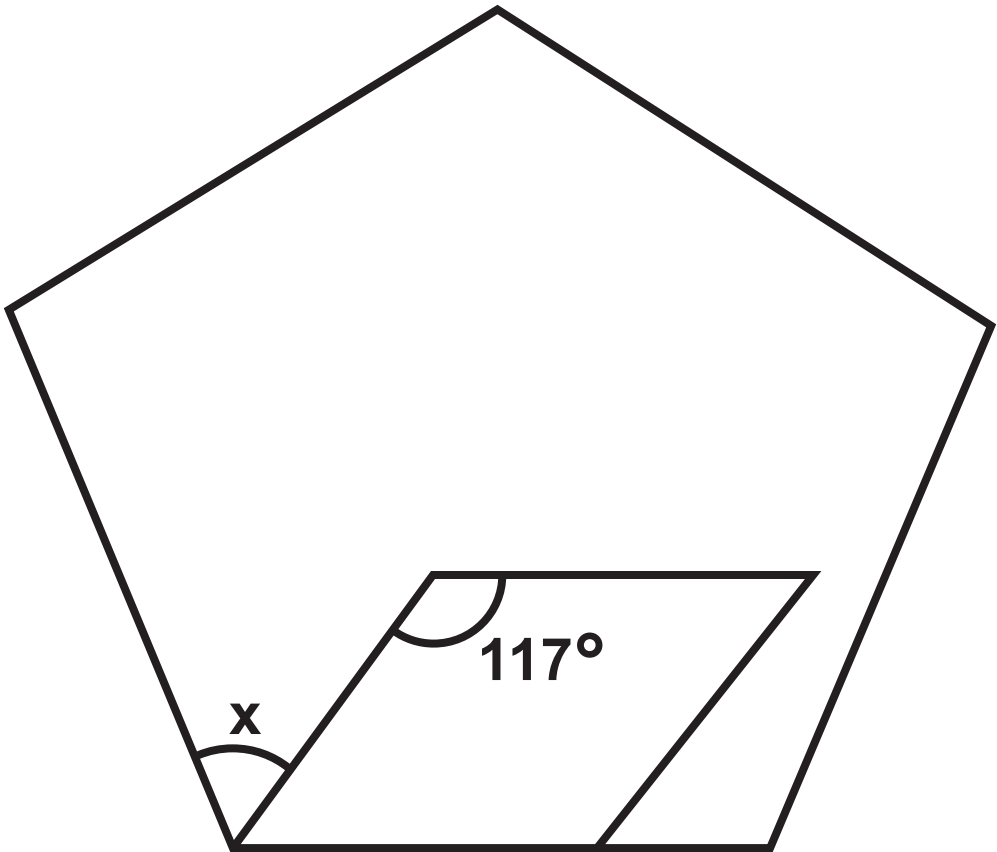
Question 4

Time (t seconds)	Frequency
$5 < t \leq 10$	1
$10 < t \leq 15$	2
$15 < t \leq 20$	7
$20 < t \leq 25$	8

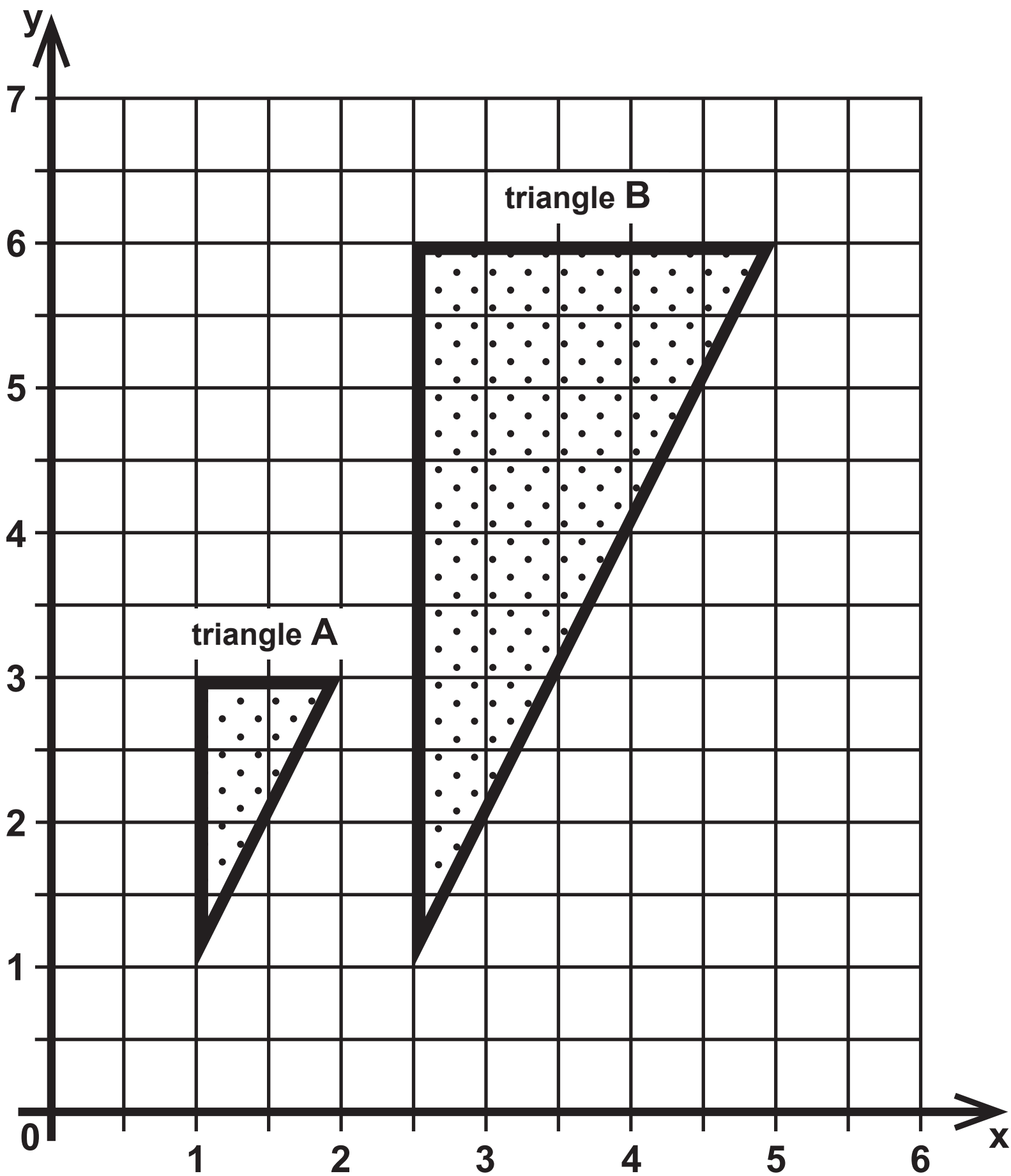
Question 6

Time	13 30
Distance to destination	65 miles

Question 8



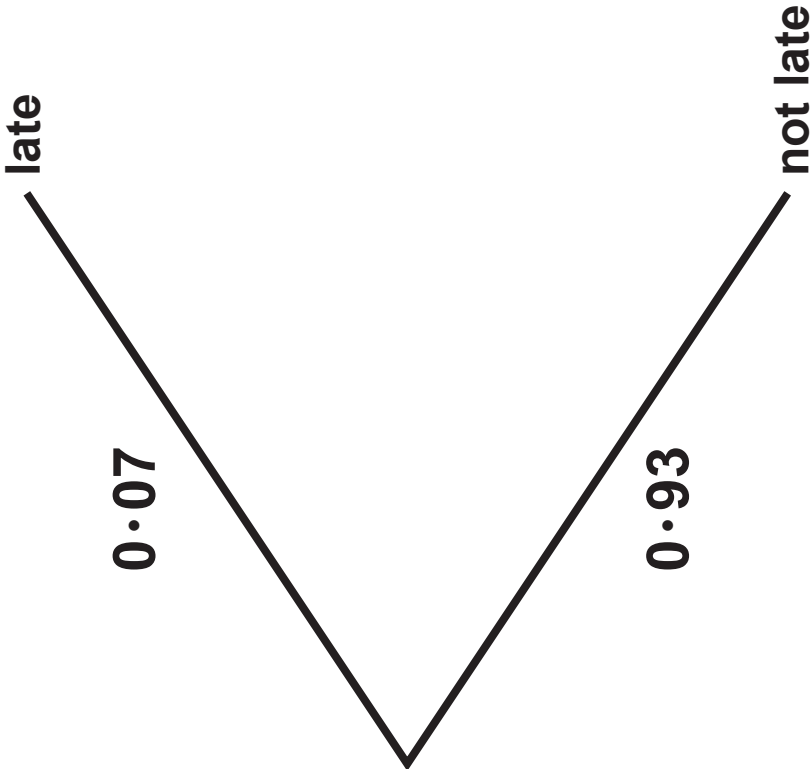
Question 9



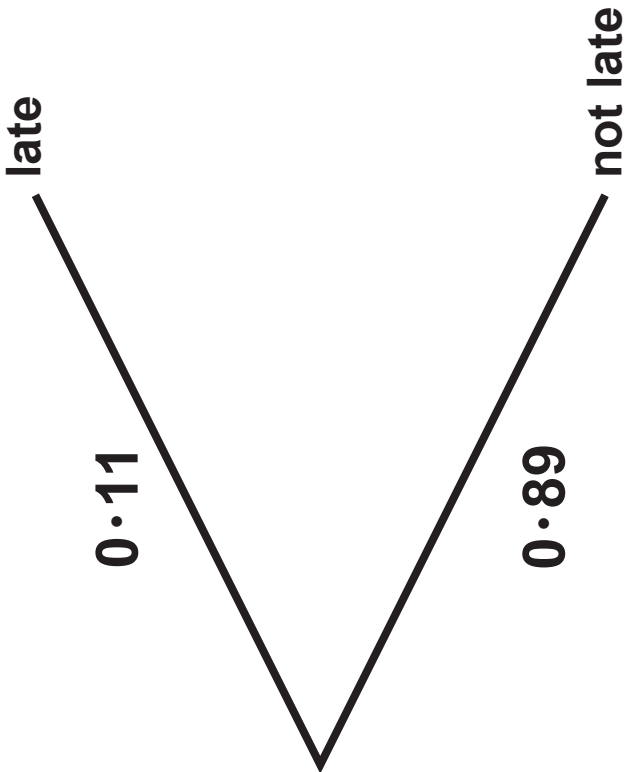
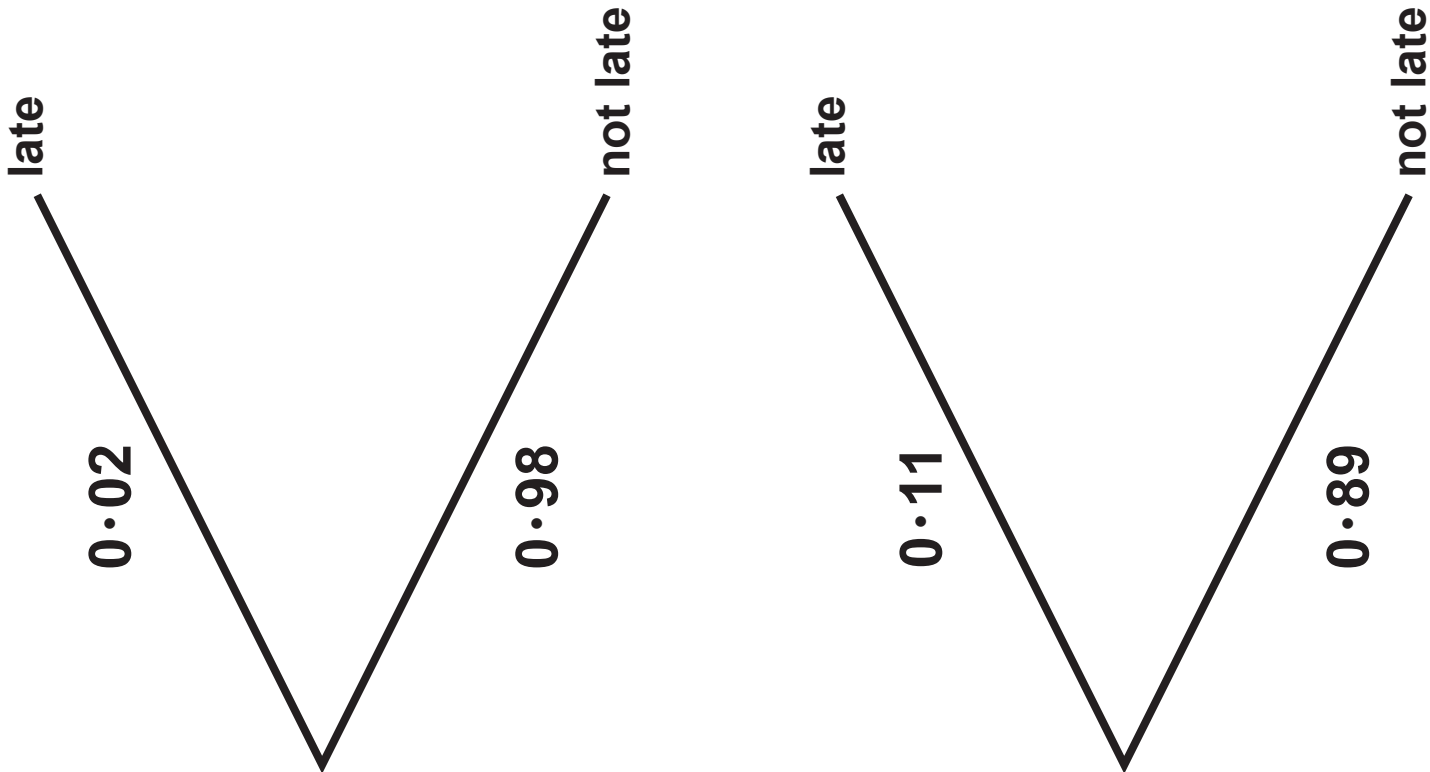


Question 11

Monday



Tuesday



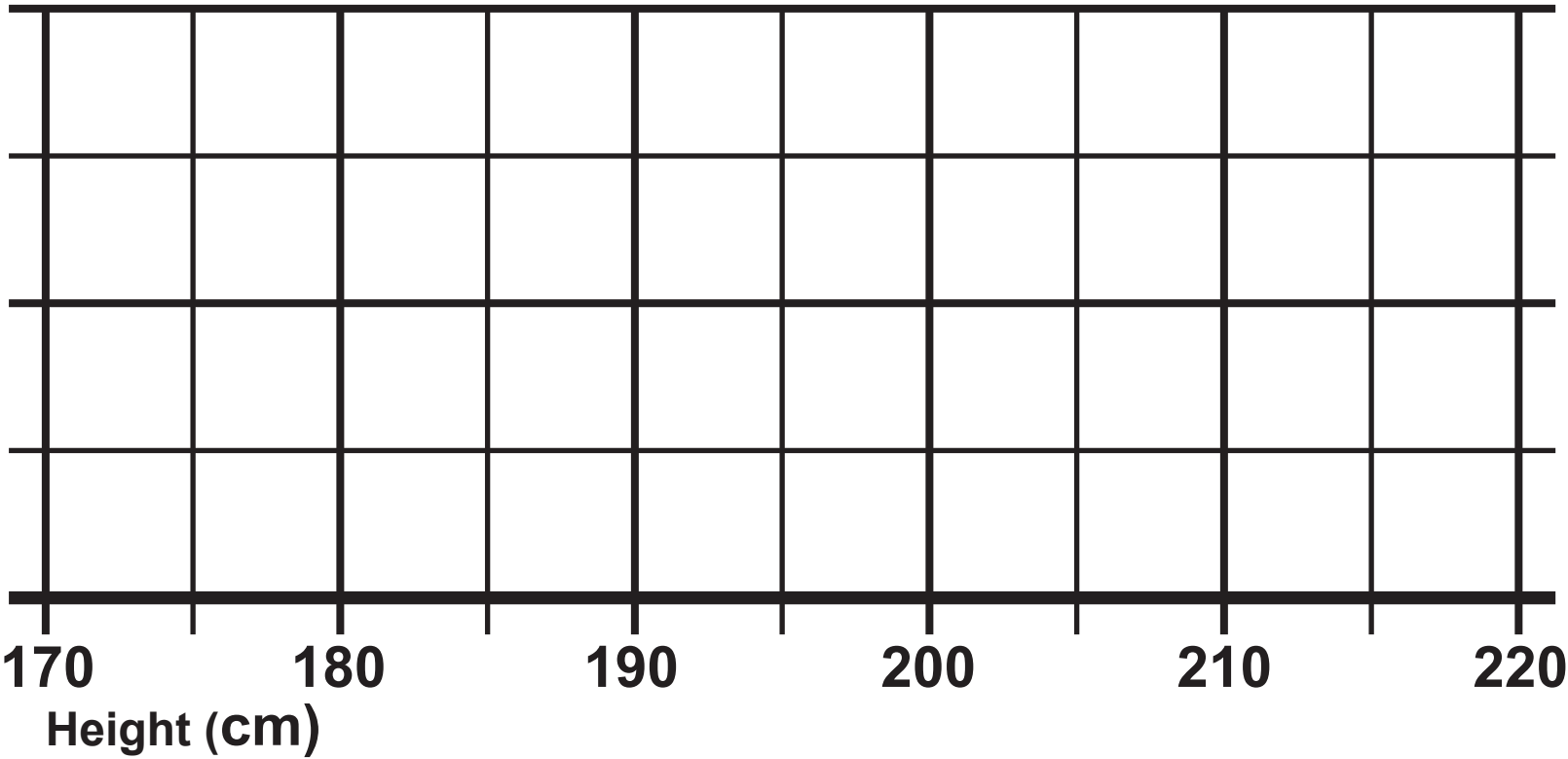
Question 12

Diagram 1

Key: 17 | 5 represents 175 cm

17	5	7	9				
18	4	5	5				
19	0	0	1	3	4	5	8
20	1	3	4	4	5	7	
21	2	3	3	5			

Diagram 2



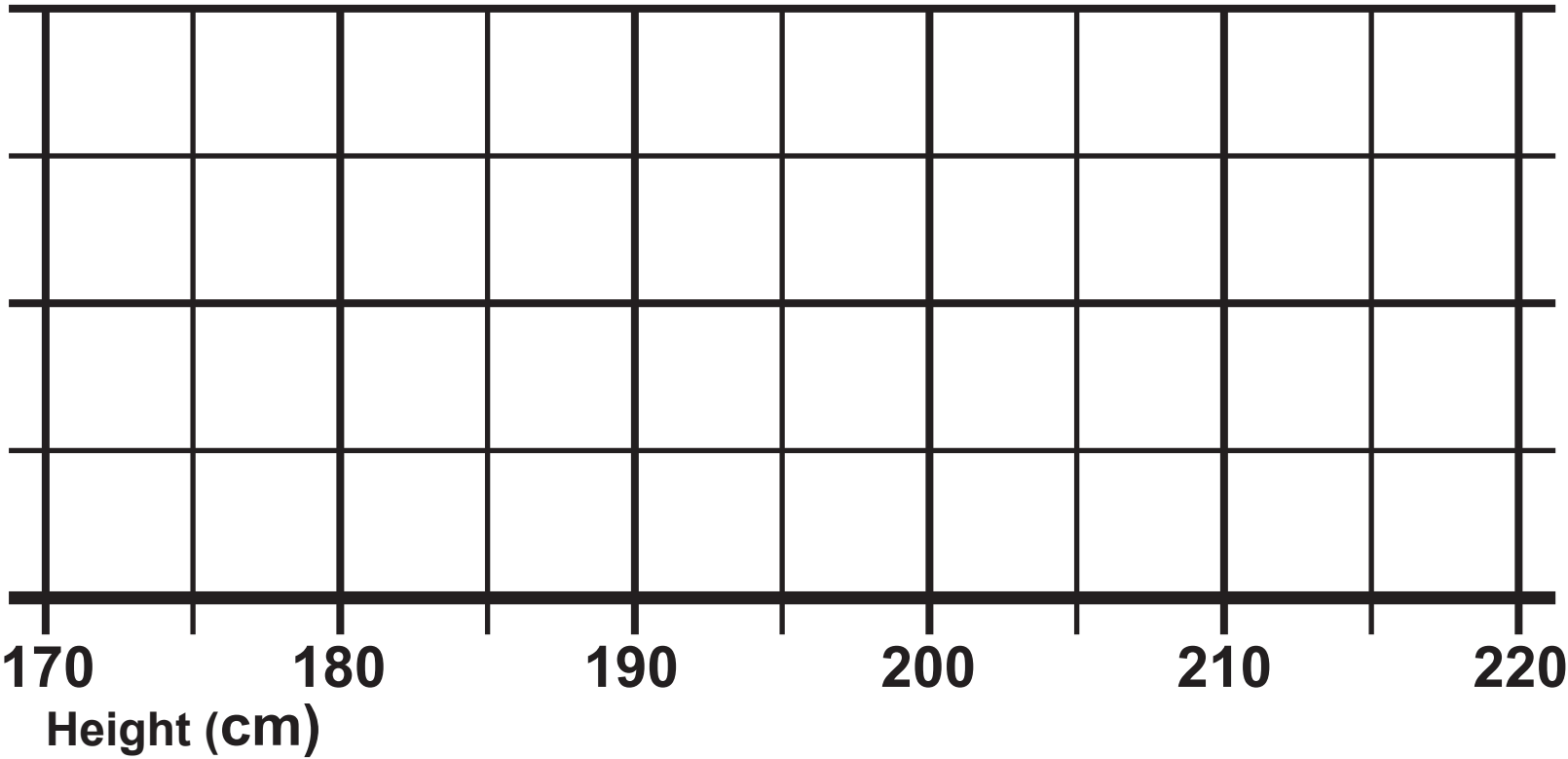
Question 12

Diagram 1

Key: 17 | 5 represents 175 cm

17	5	7	9				
18	4	5	5				
19	0	0	1	3	4	5	8
20	1	3	4	4	5	7	
21	2	3	3	5			

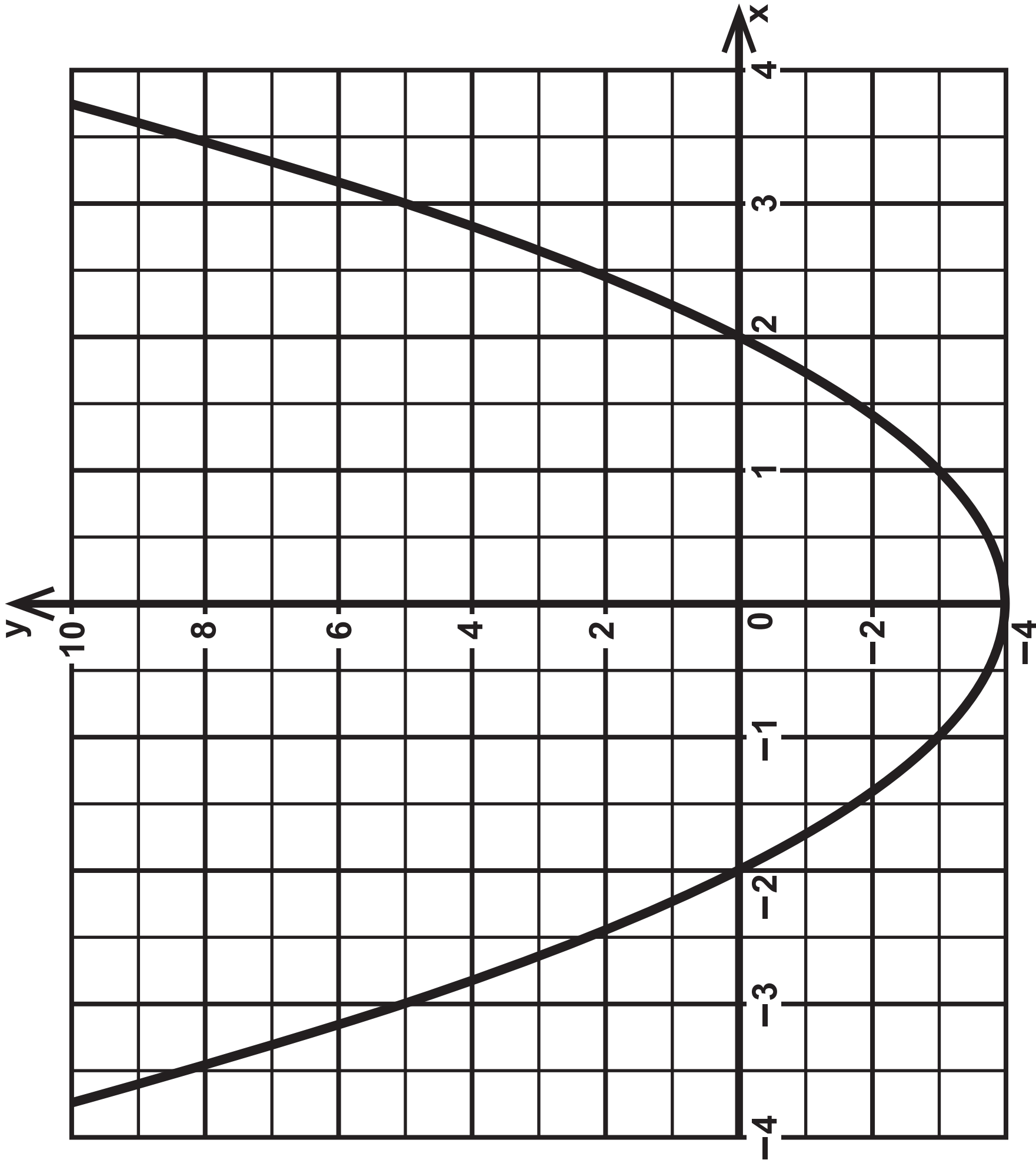
Diagram 2



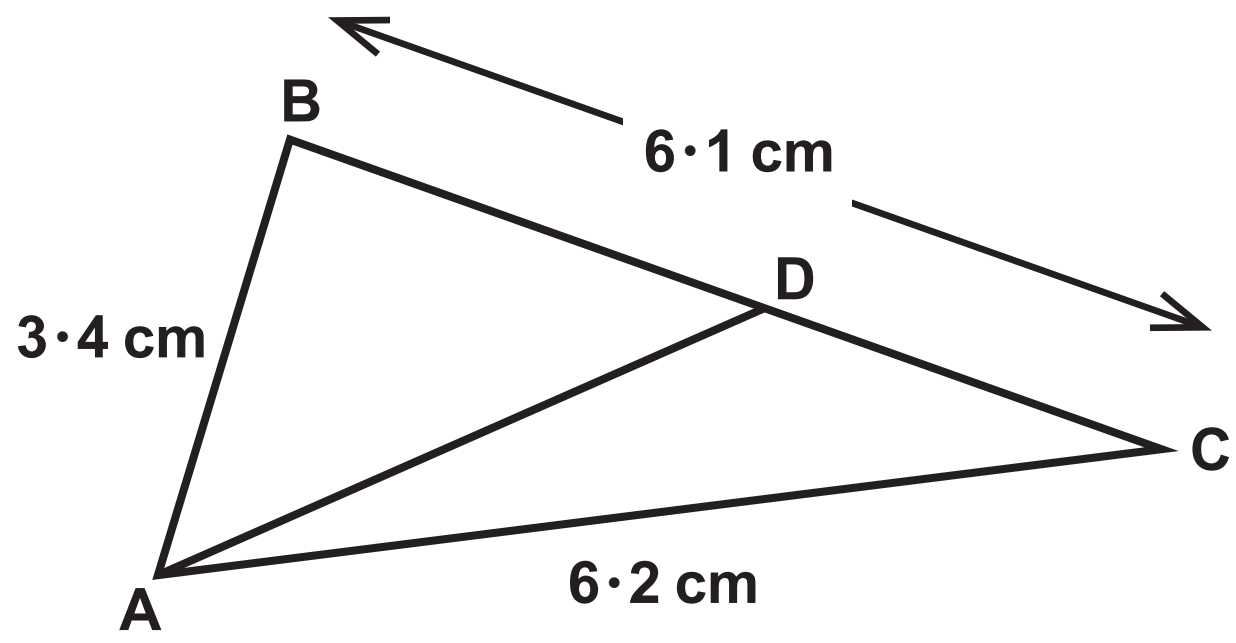
Question 14

starter	main course
soup	lasagne
prawns	curry

Question 17

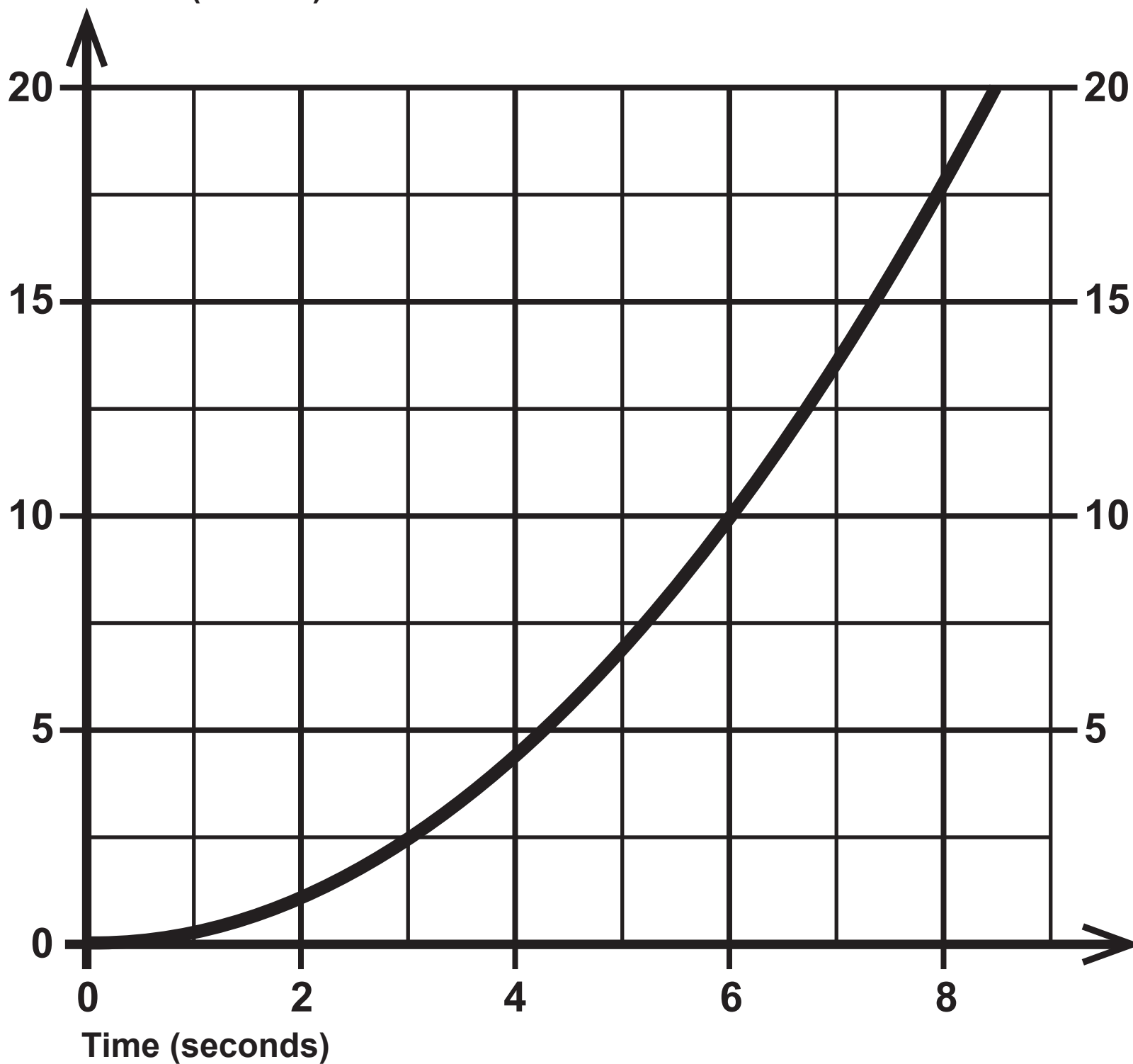


## Question 18



## Question 19

Distance travelled (metres)



Question 23

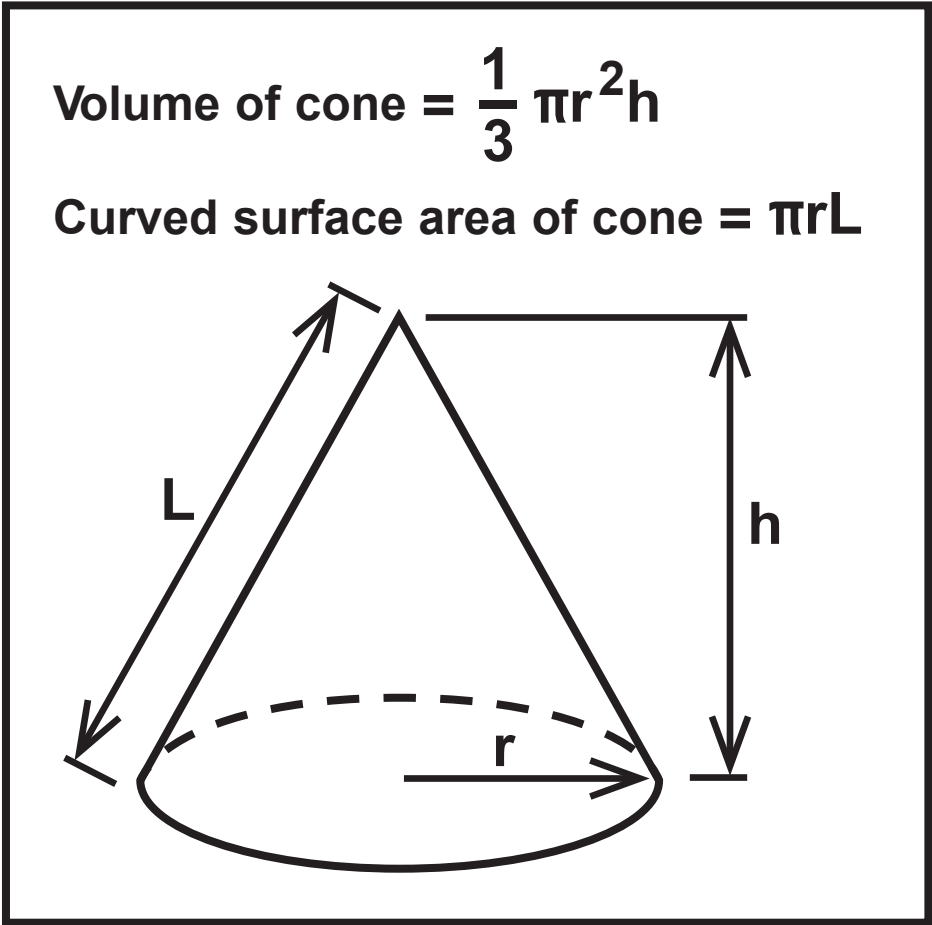


Diagram 1

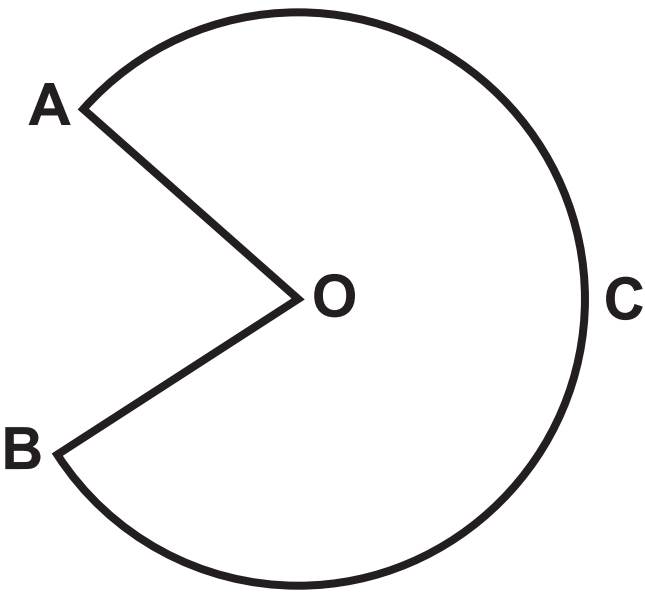
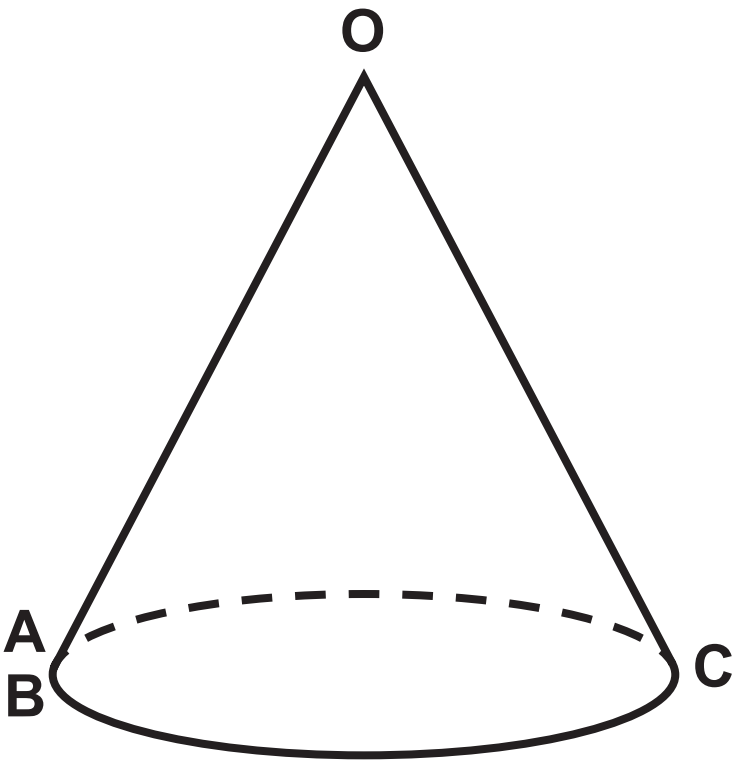


Diagram 2





## Question 24

