

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.**

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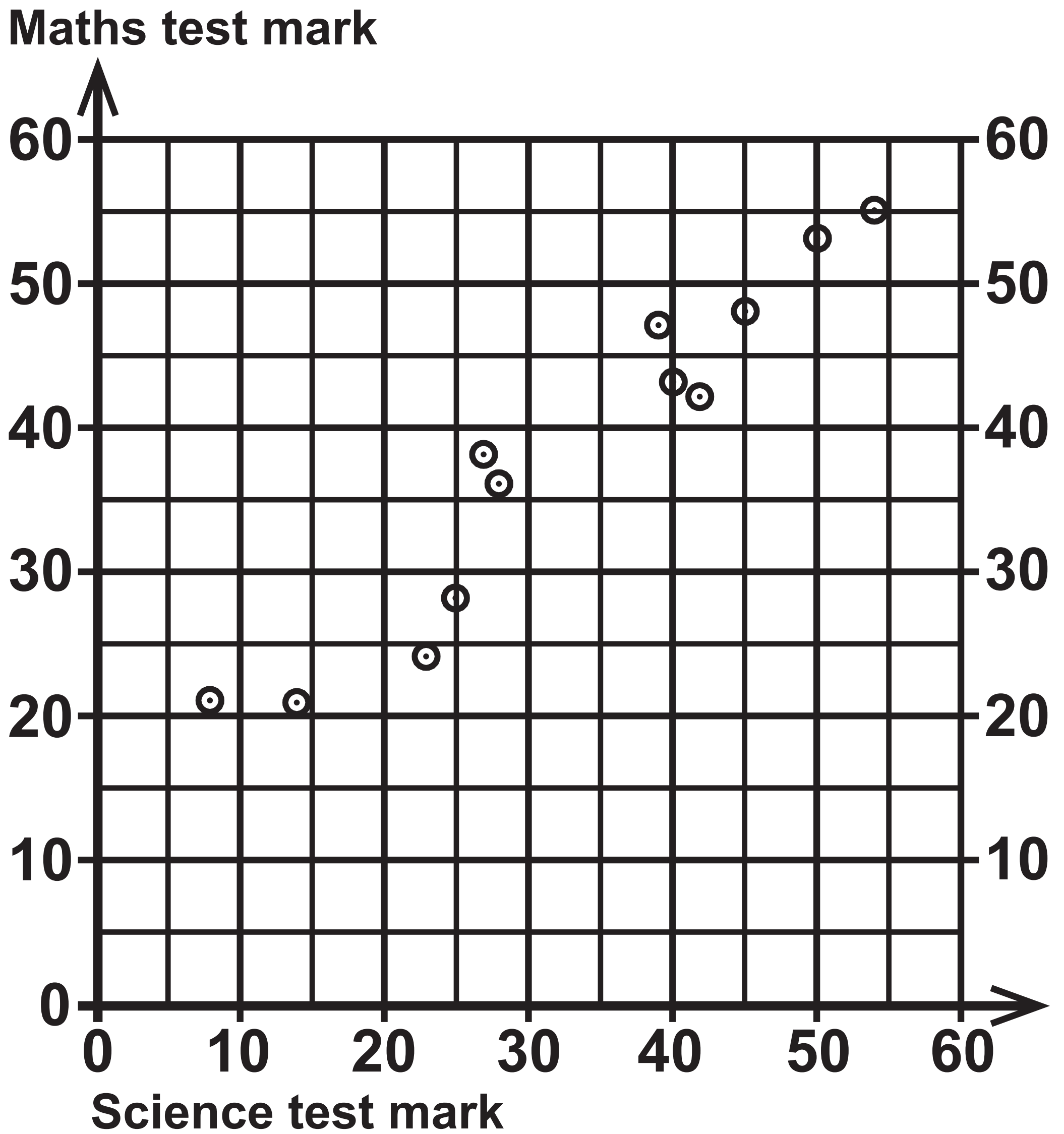
14 Question 18

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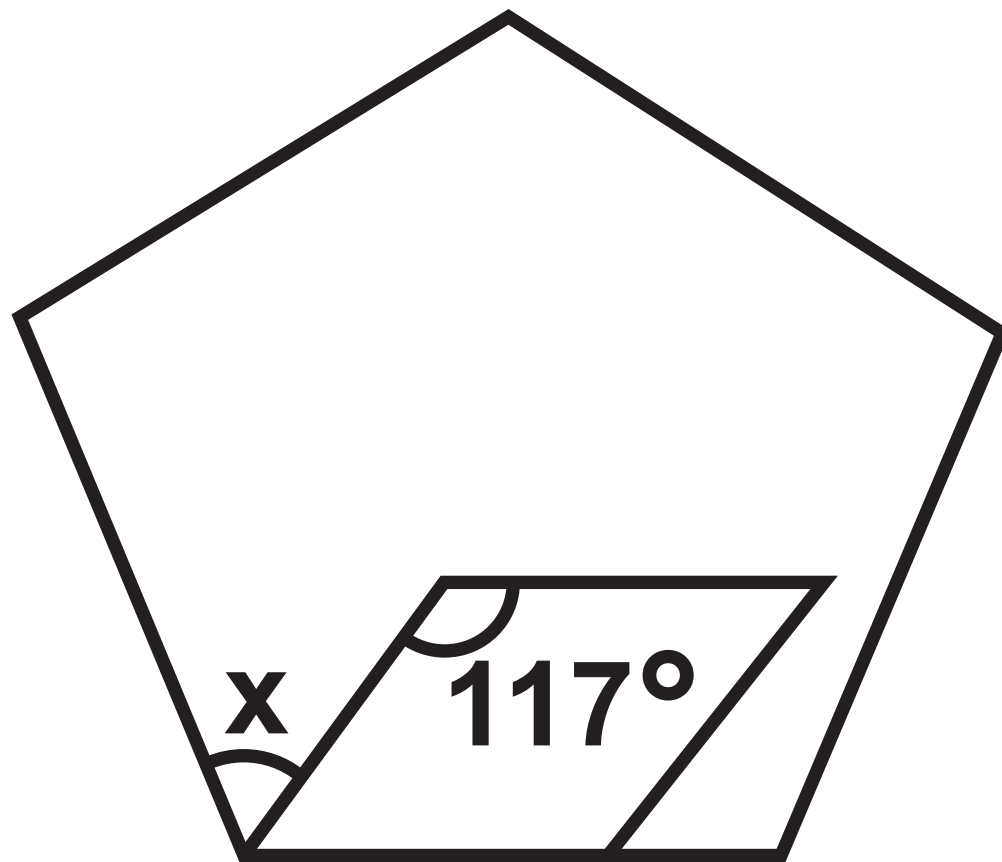
Question 3

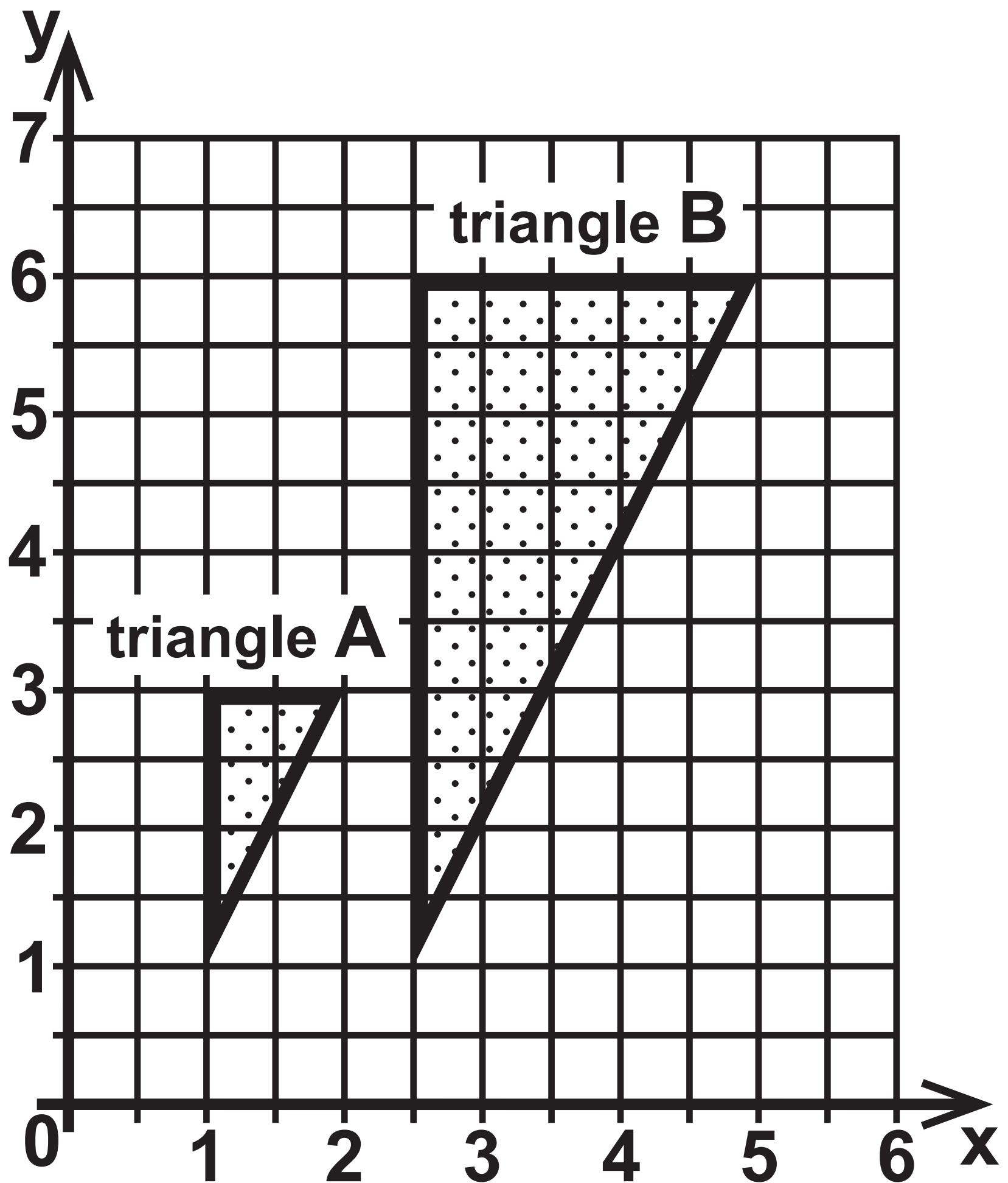


Time (t seconds)	Frequency
$5 < t \leq 10$	1
$10 < t \leq 15$	2
$15 < t \leq 20$	7
$20 < t \leq 25$	8

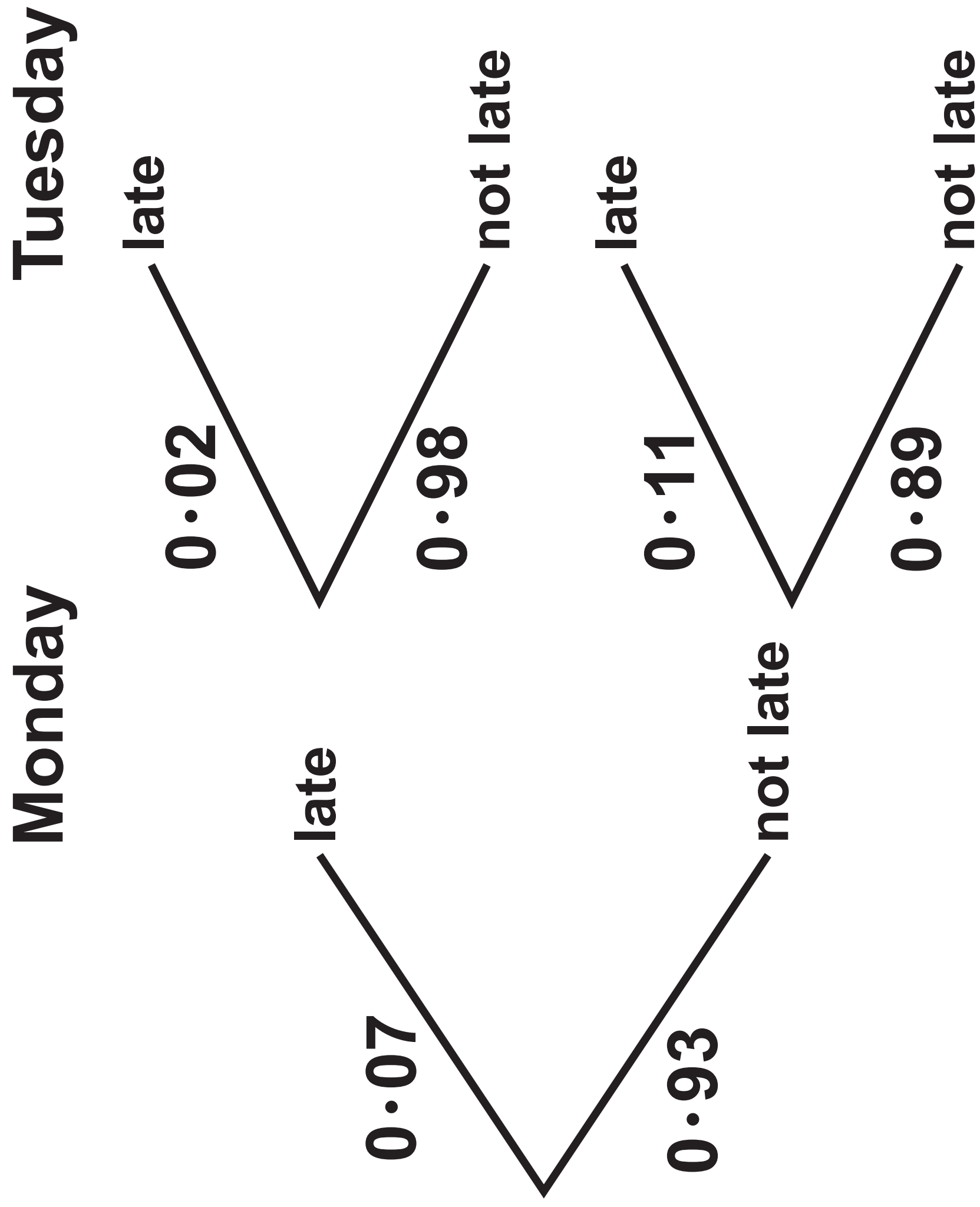
Time	13 30
Distance to destination	65 miles

Question 8





Question 11



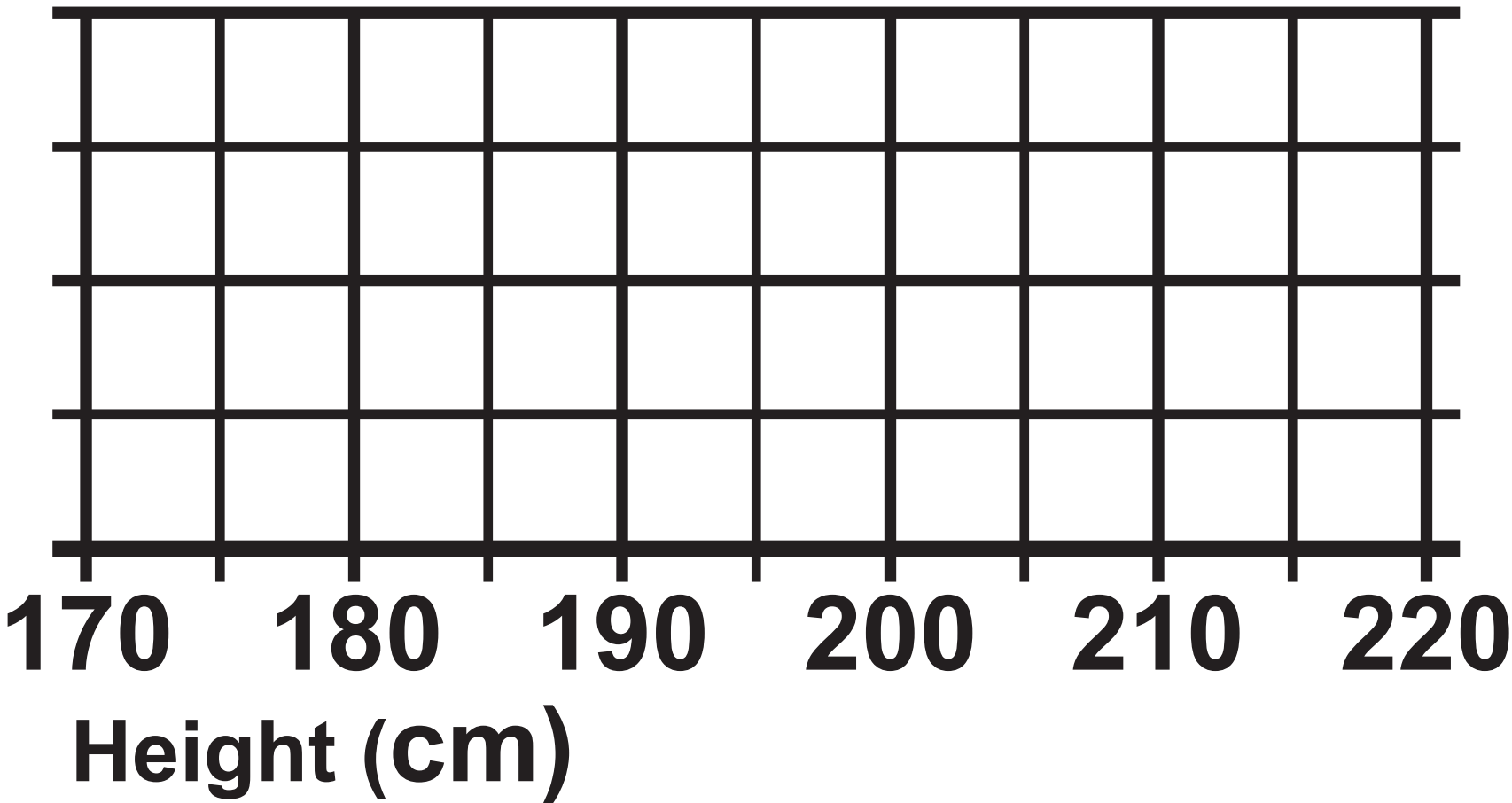
Question 12

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



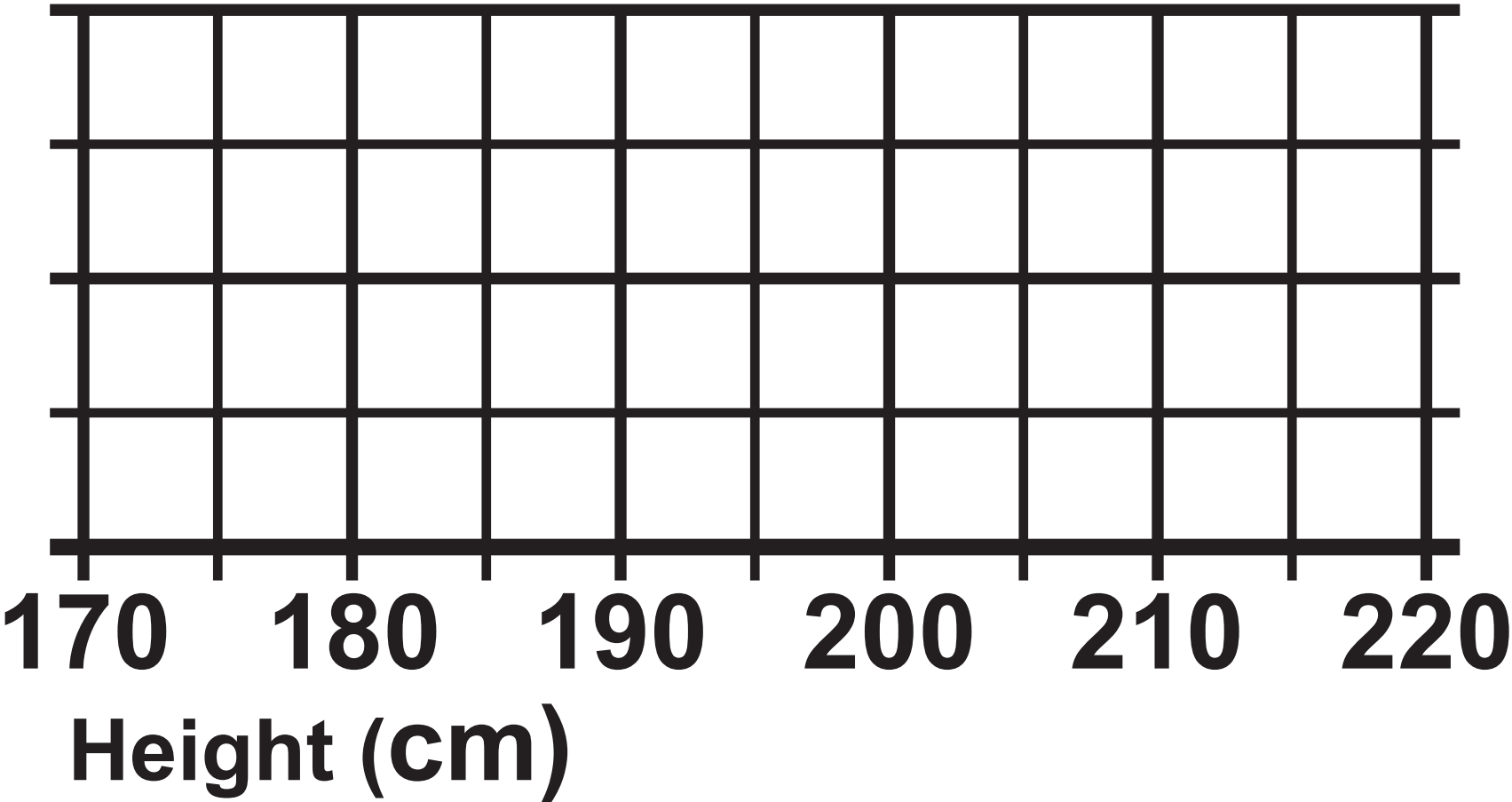
Question 12

Diagram 1

Key: 17 | 5 represents 175 cm

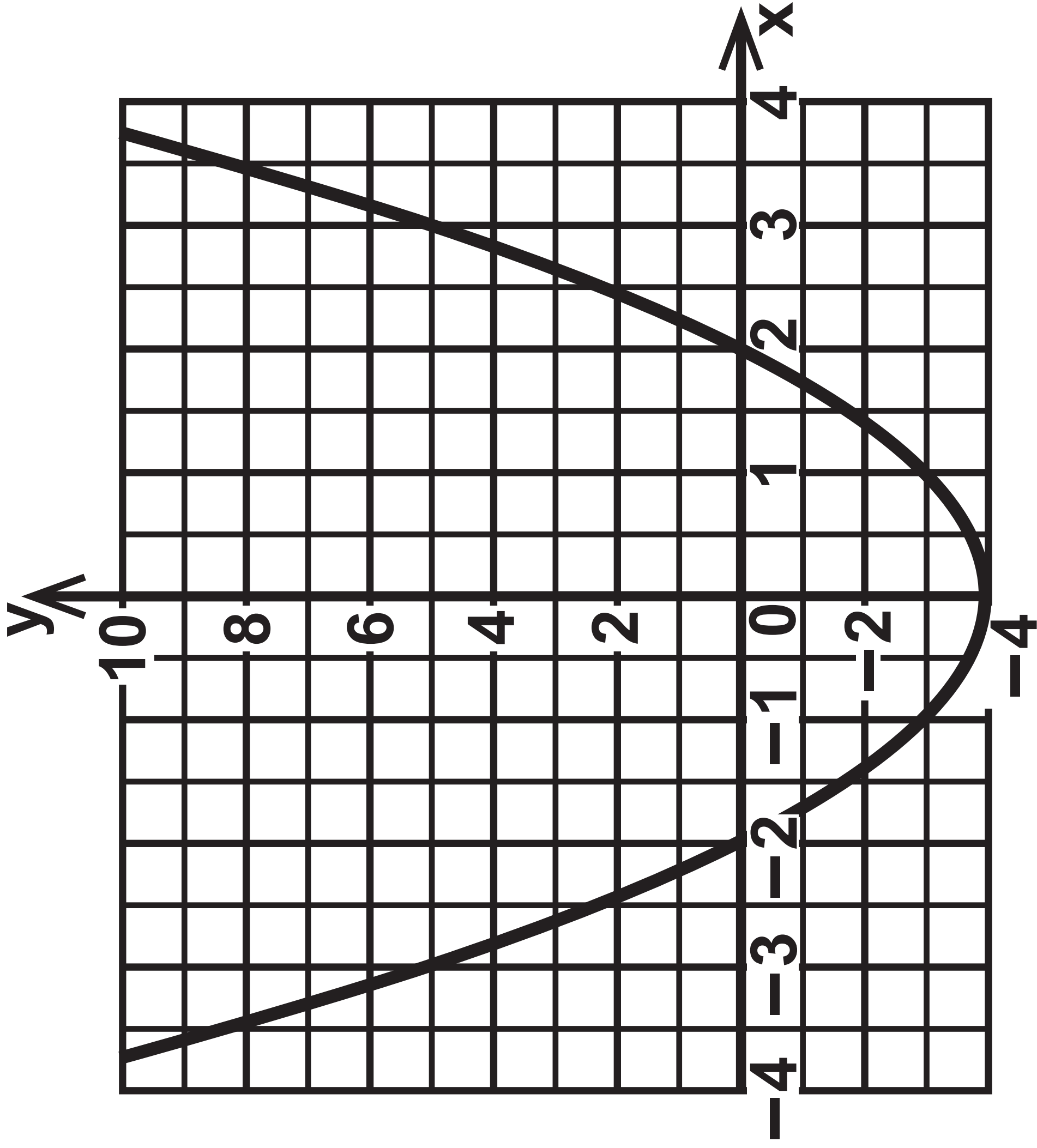
17	5	7	9				
18	4	5	5				
19	0	0	1	3	4	5	8
20	1	3	4	4	5	7	
21	2	3	3	5			

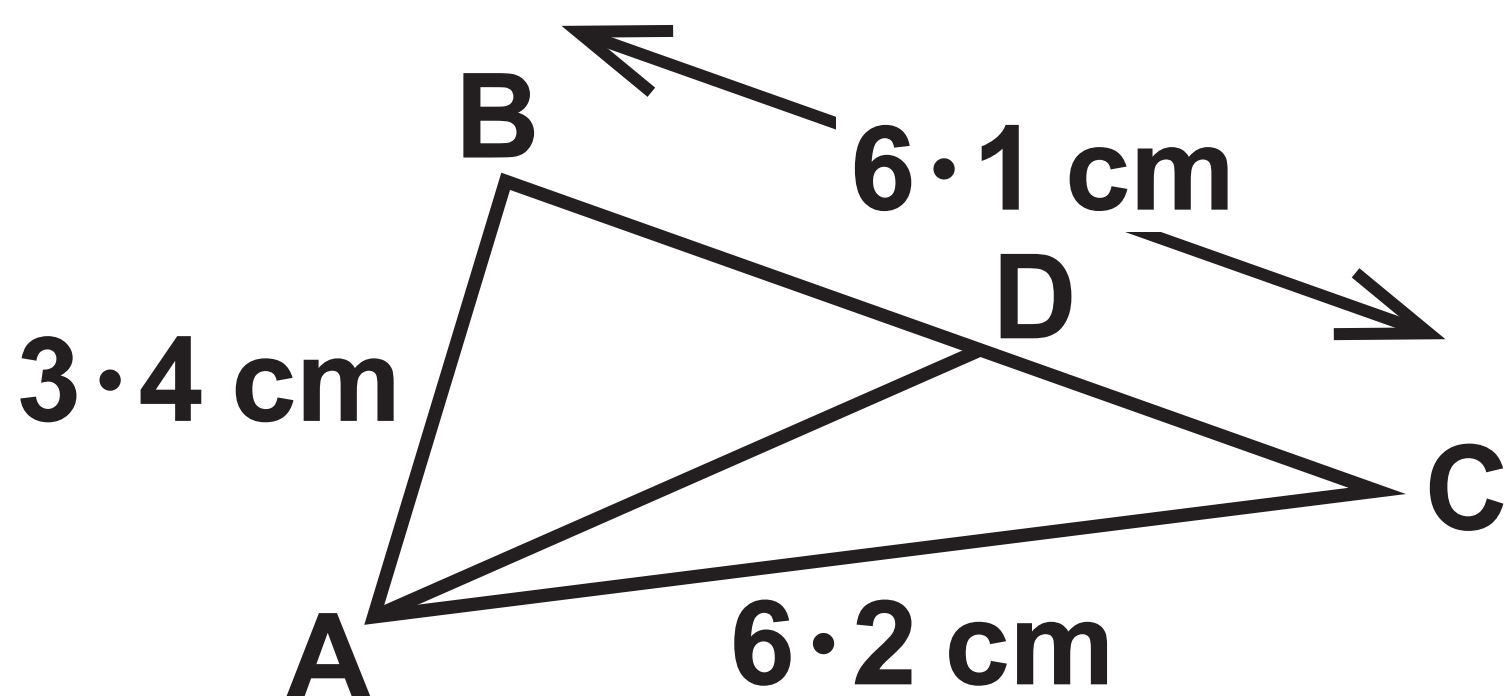
Diagram 2



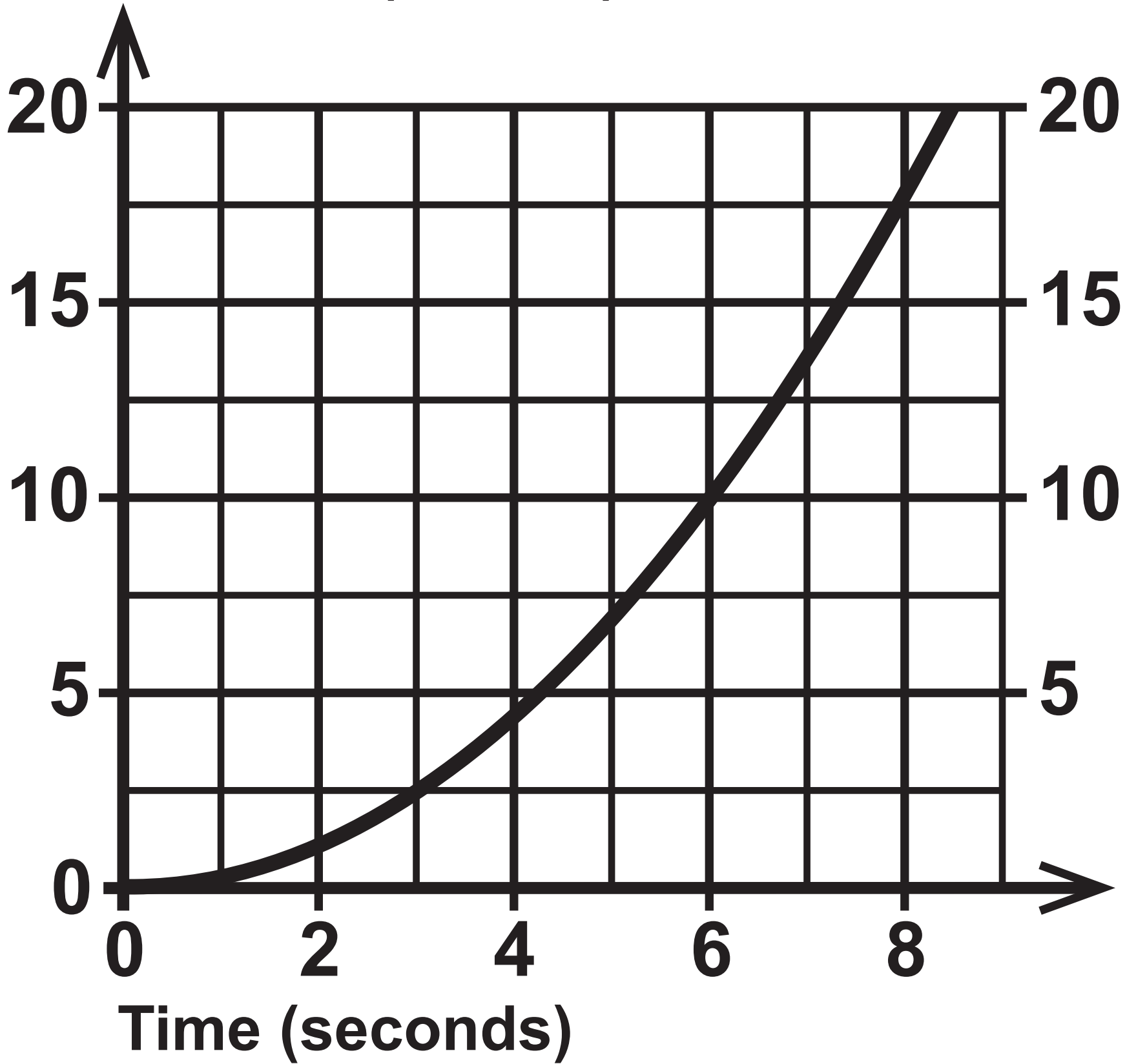
starter	main course
soup	lasagne
prawns	curry

Question 17





Distance travelled (metres)



Question 23

$$\text{Volume of cone} = \frac{1}{3} \pi r^2 h$$

$$\text{Curved surface area of cone} = \pi r L$$

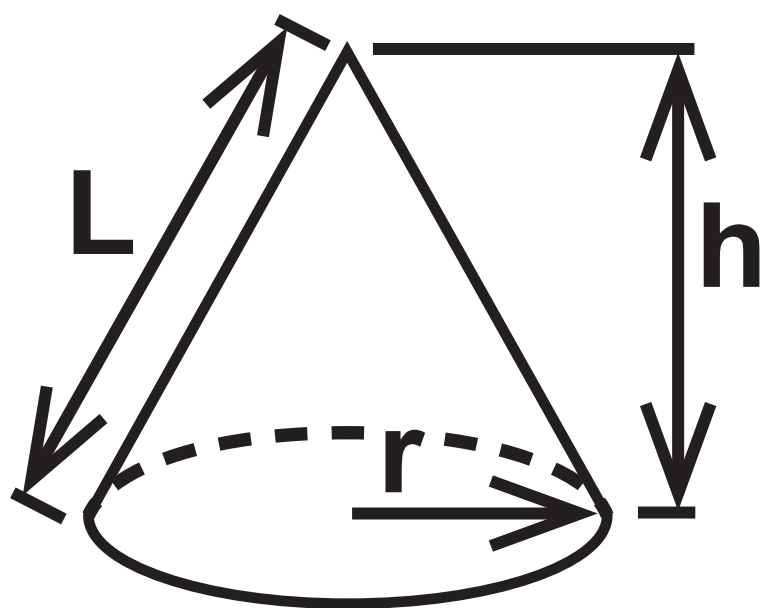


Diagram 1

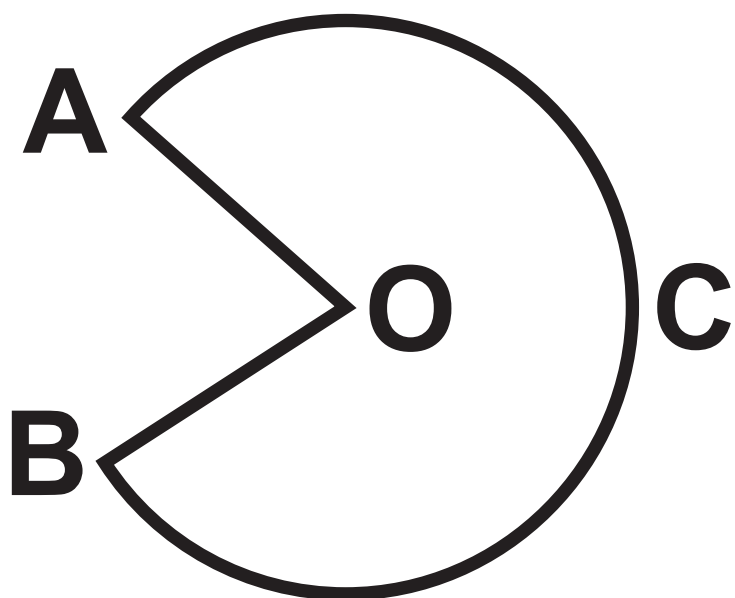


Diagram 2

