

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

Mathematics
Paper 1
(Non-Calculator)
Foundation Tier

Tuesday 19 May 2020 – Morning

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.

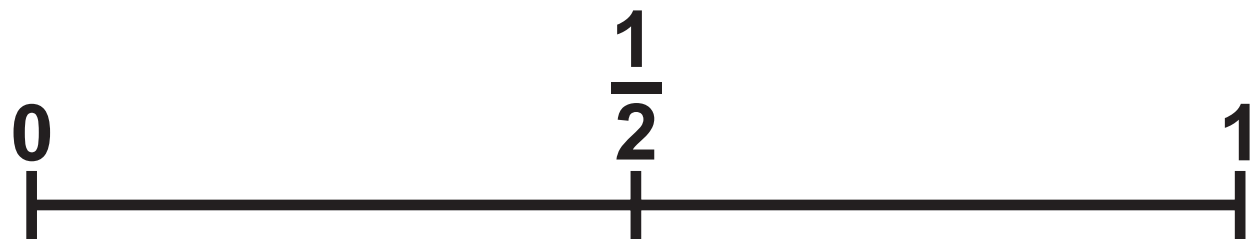
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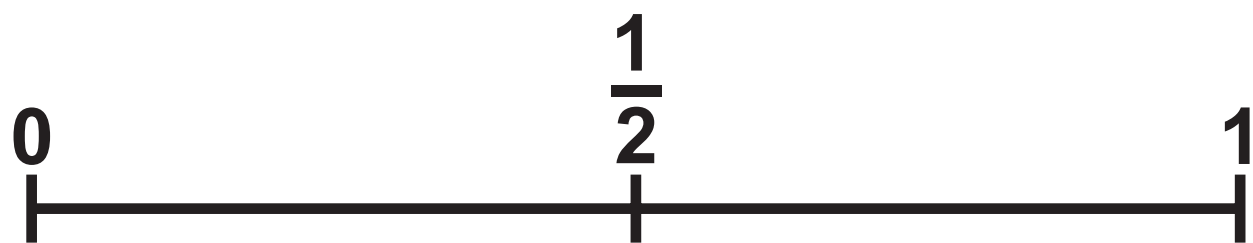
4	Question 6
5	Question 6 (Spare copy)
6	Question 7
7	Question 7 (Spare copy)
8	Question 8
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10	Question 11
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Question 6

Question 6(a)

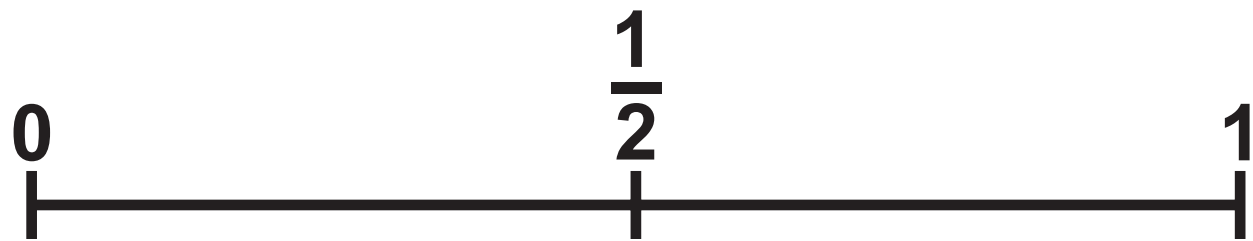


Question 6(b)

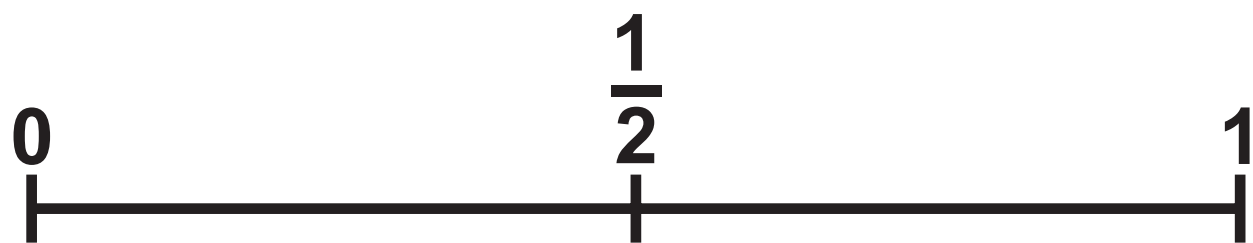


Question 6

Question 6(a)

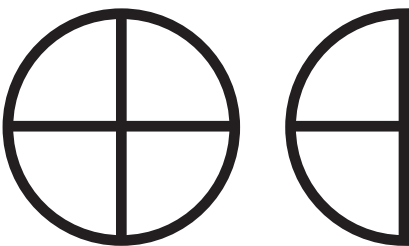


Question 6(b)



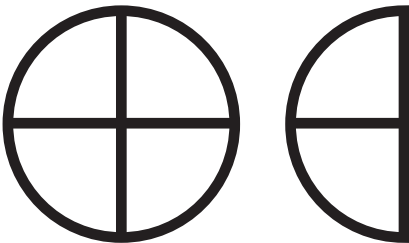
Question 7

Key:

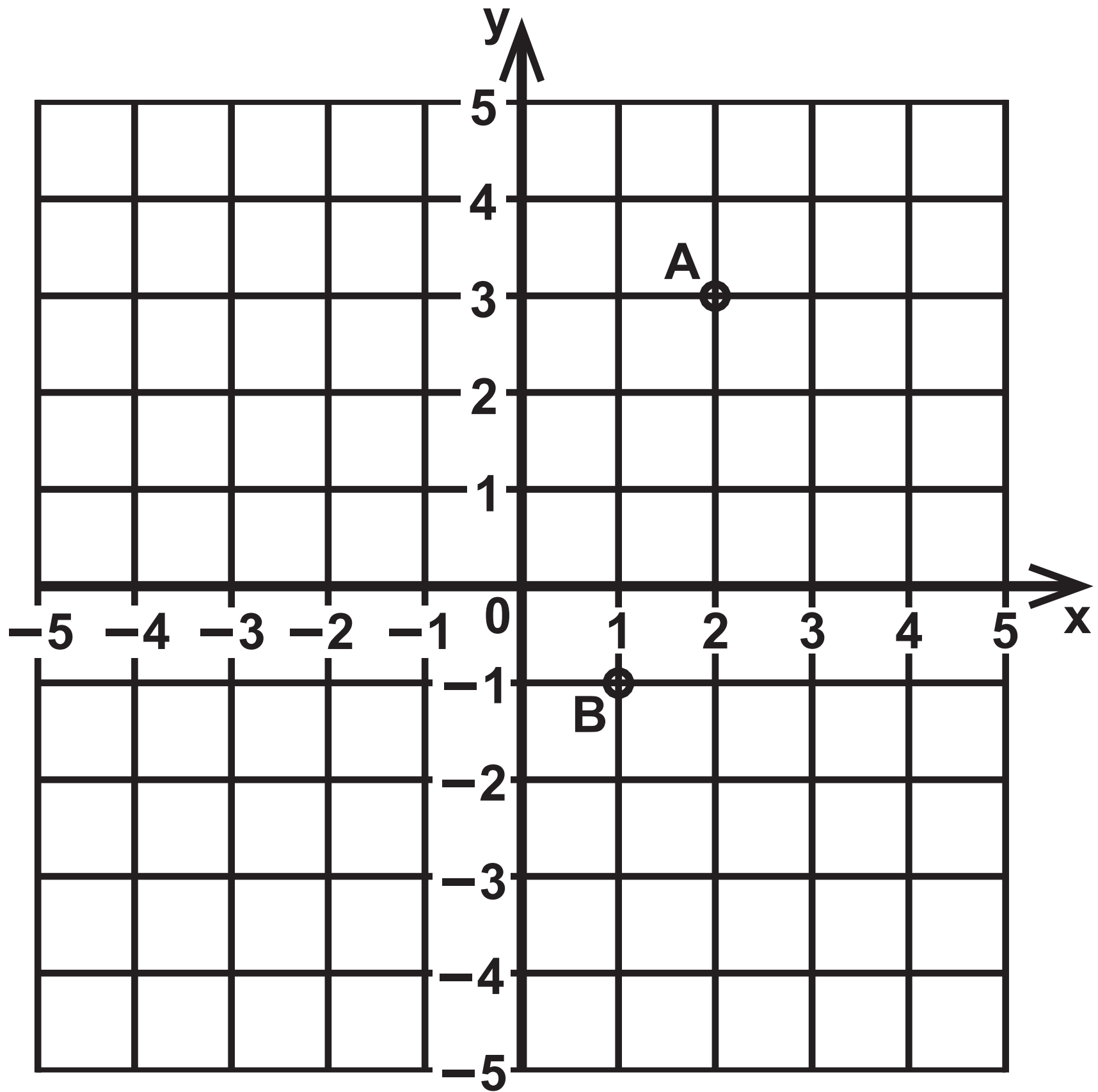
Monday	
Tuesday	
Wednesday	

Question 7

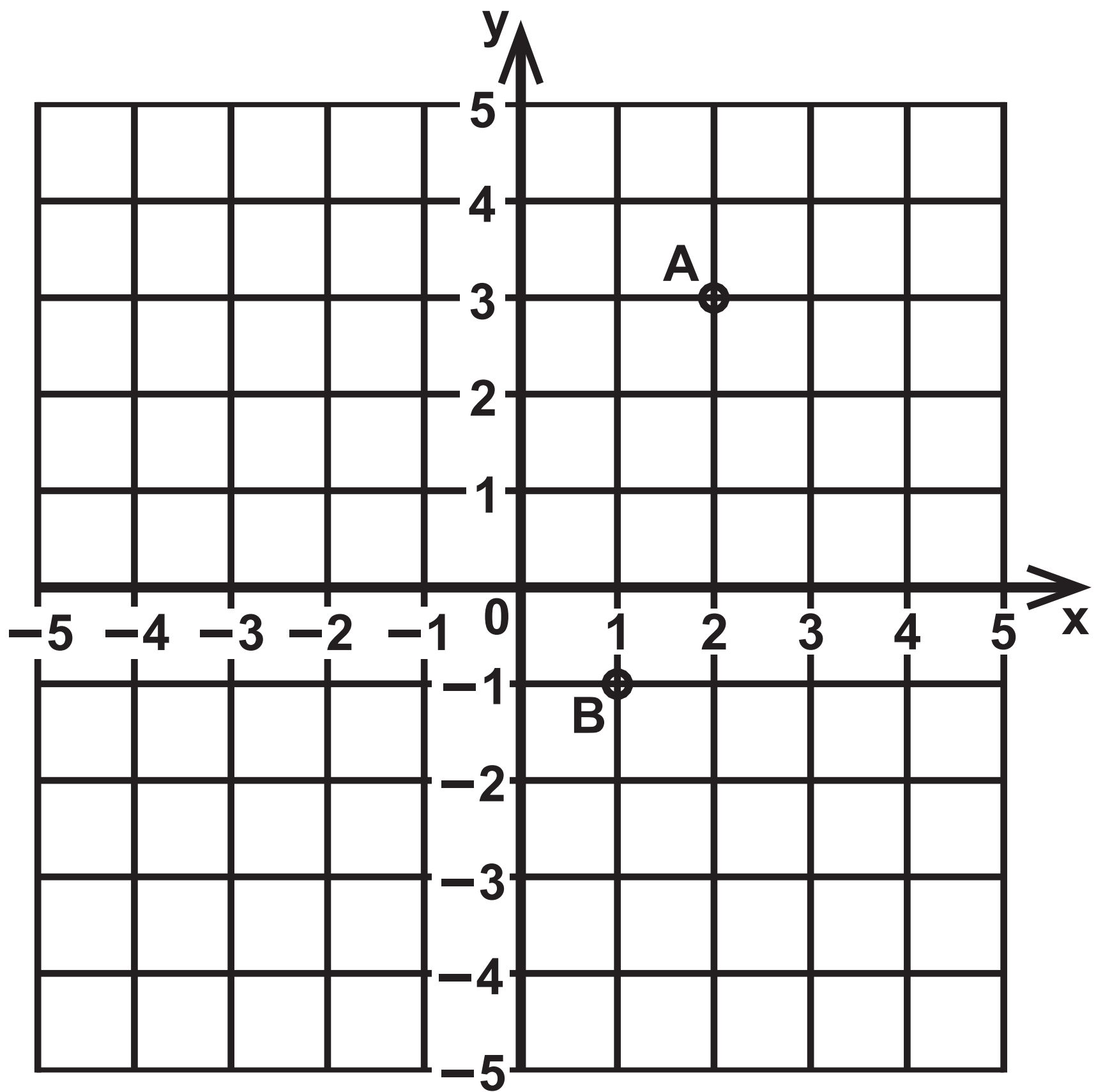
Key:

Monday	
Tuesday	
Wednesday	

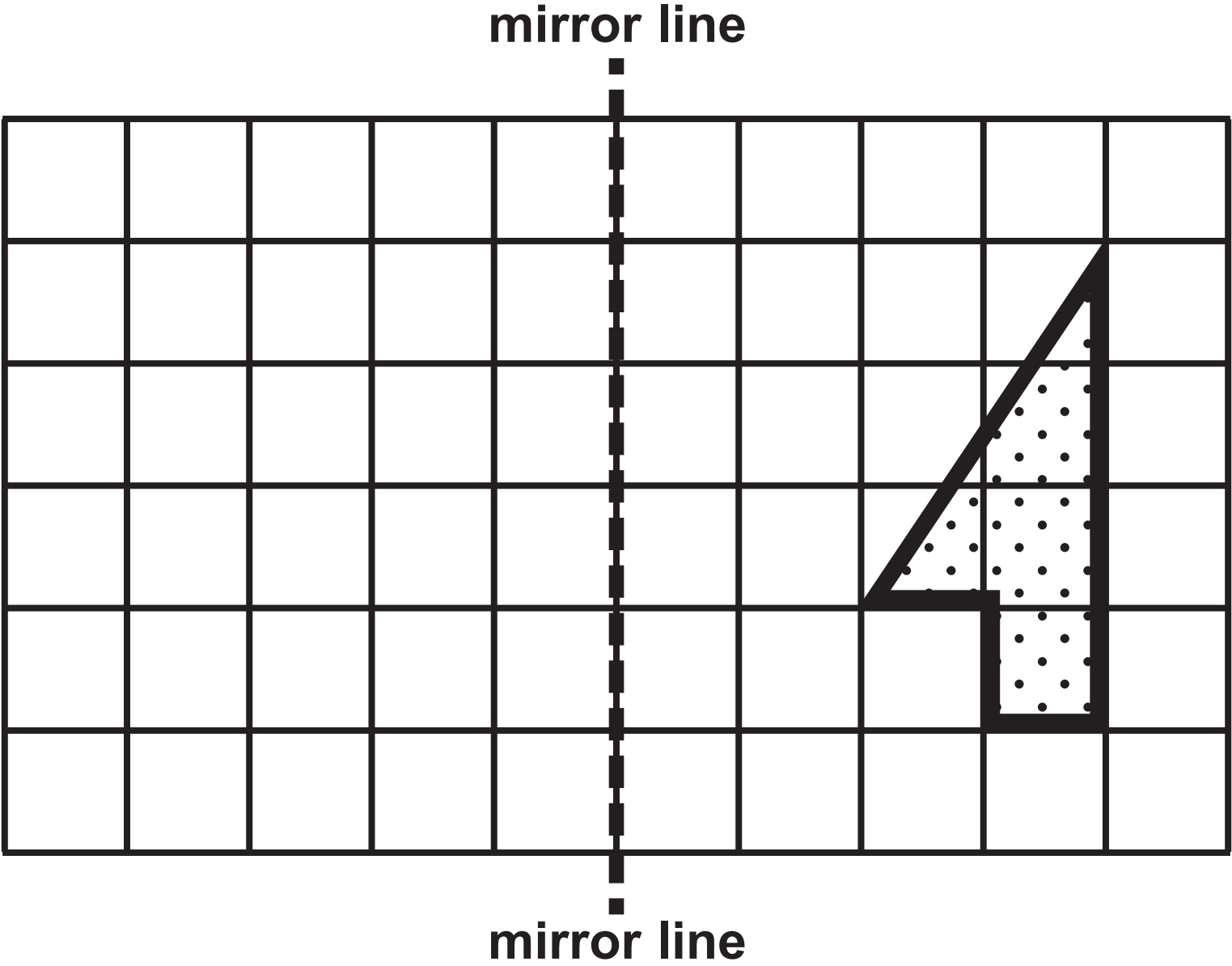
Question 8



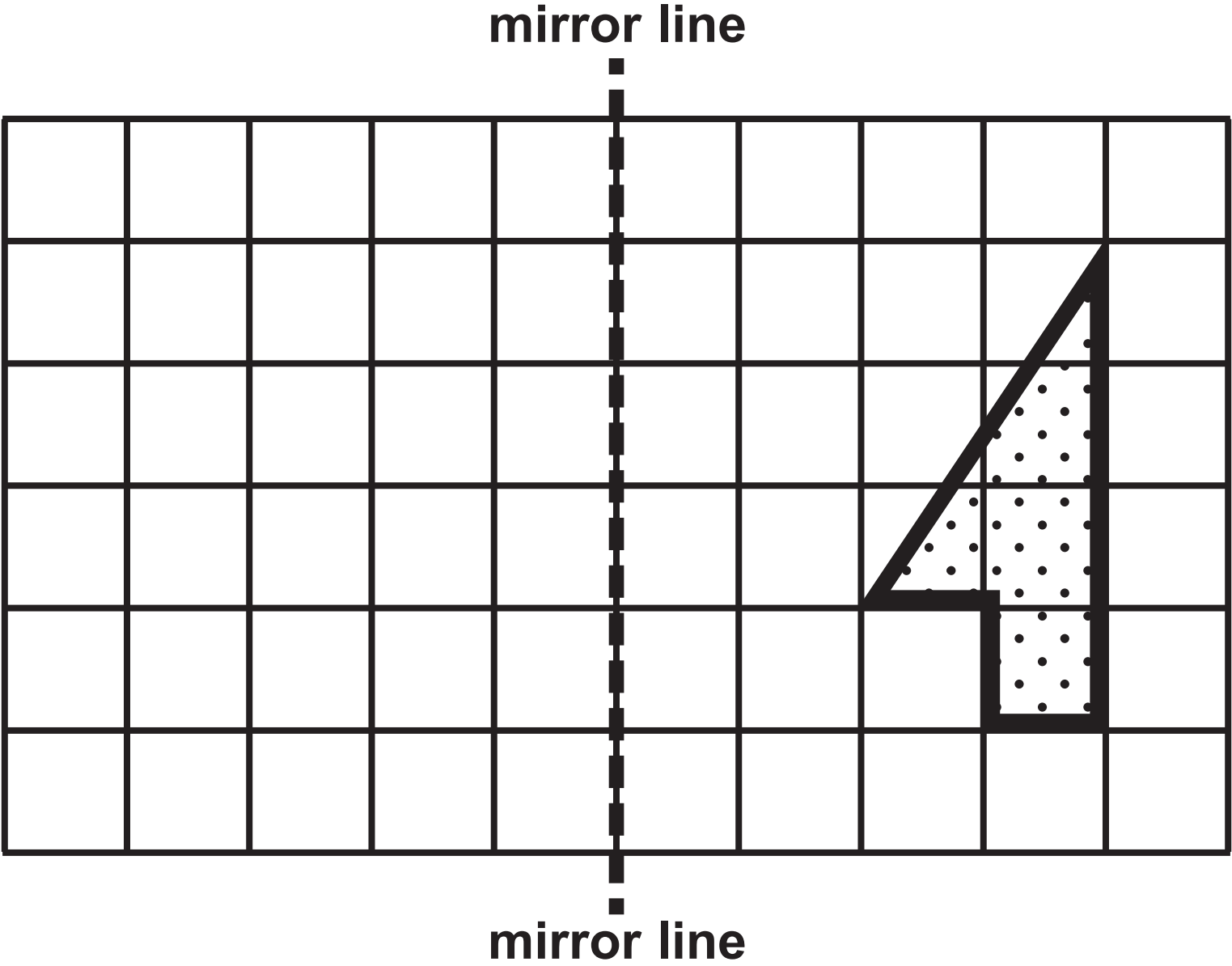
Question 8



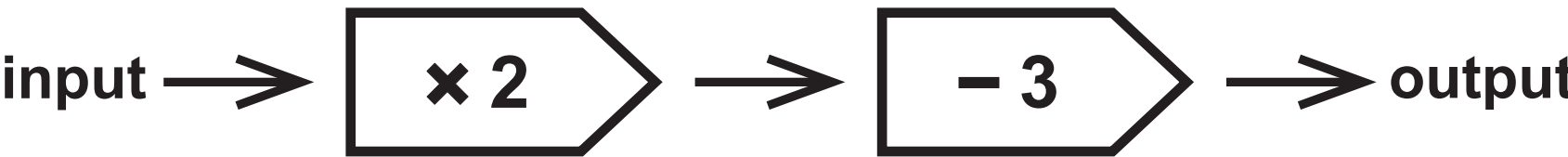
Question 11



Question 11

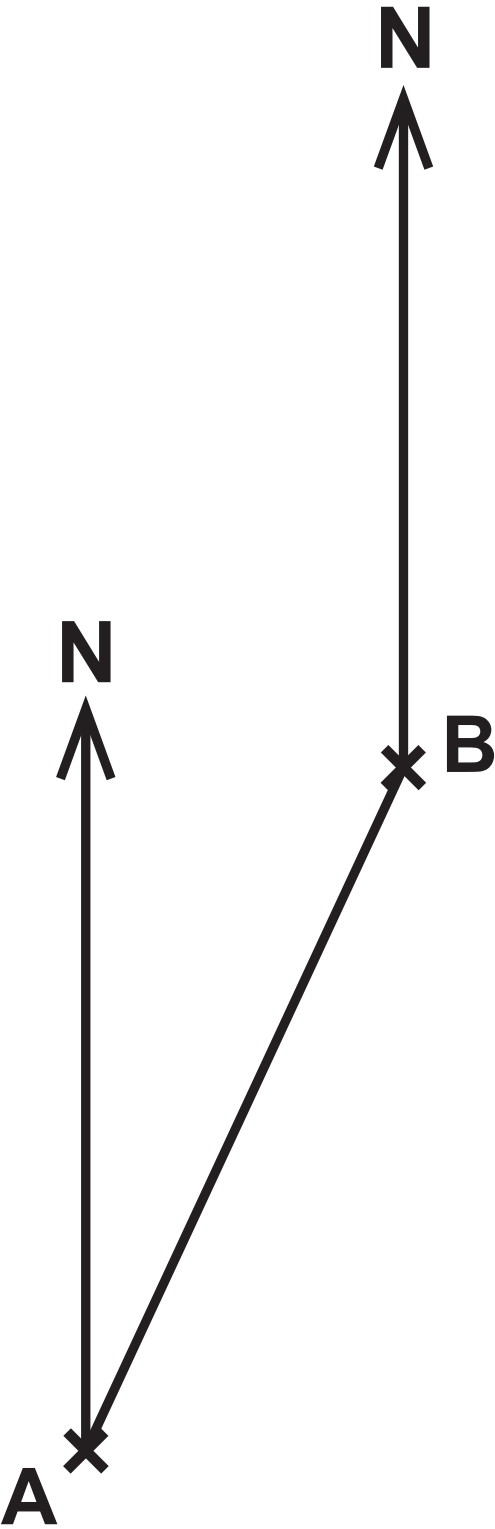


Question 12



Question 13

Scale: 1 to 25 000



Question 14

	Cricket	Tennis	Swimming	Total
Male students				
Female students				20
Total				30

Question 14

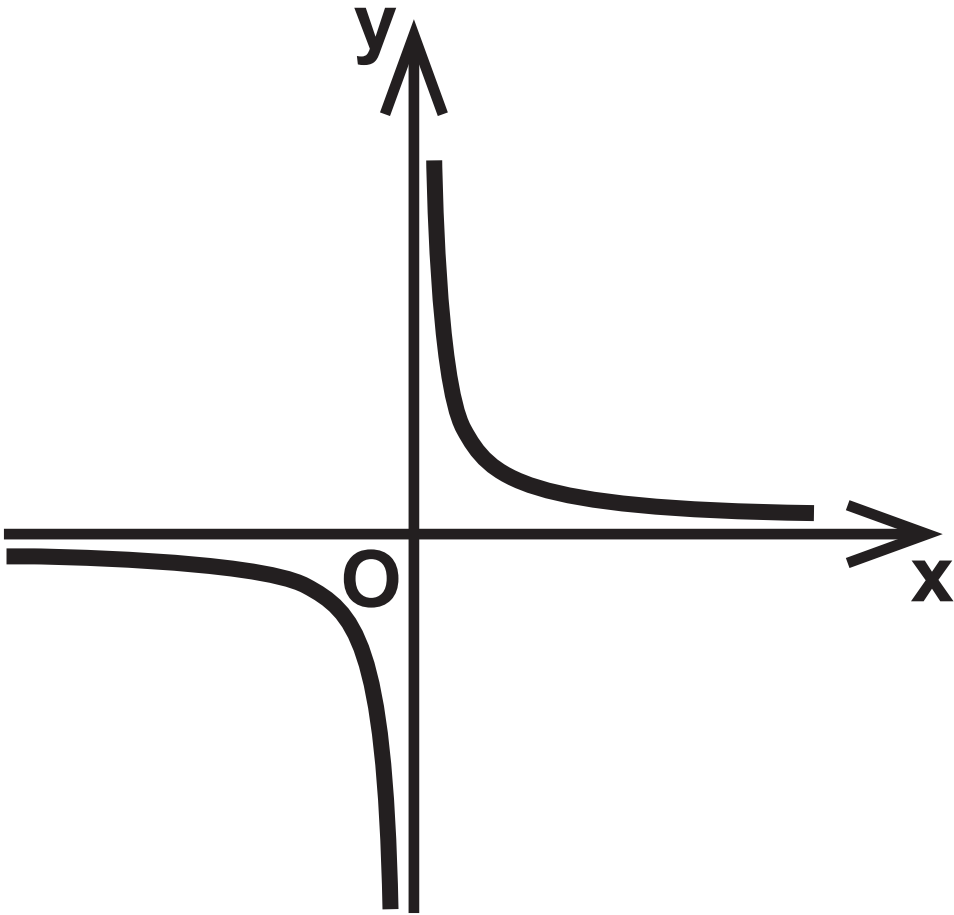
	Cricket	Tennis	Swimming	Total
Male students				
Female students				20
Total				30

Question 16

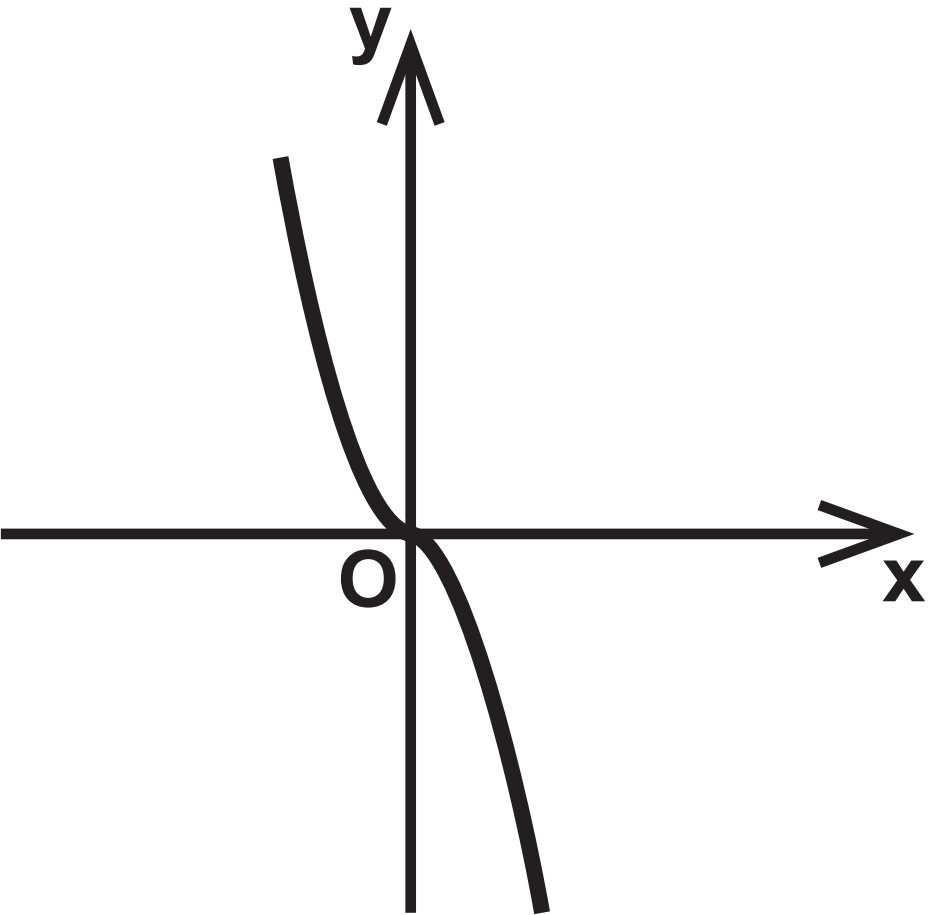
Number of points	Frequency
0	1
1	3
2	5
3	4
4	3

Question 22

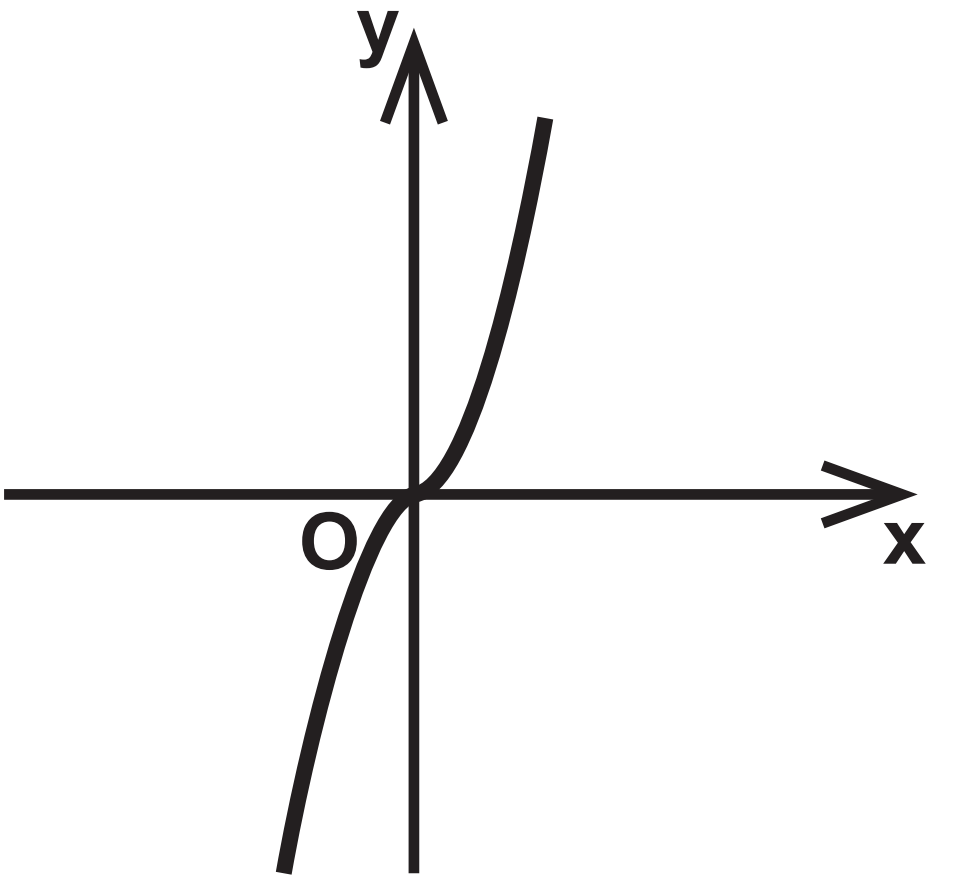
graph A



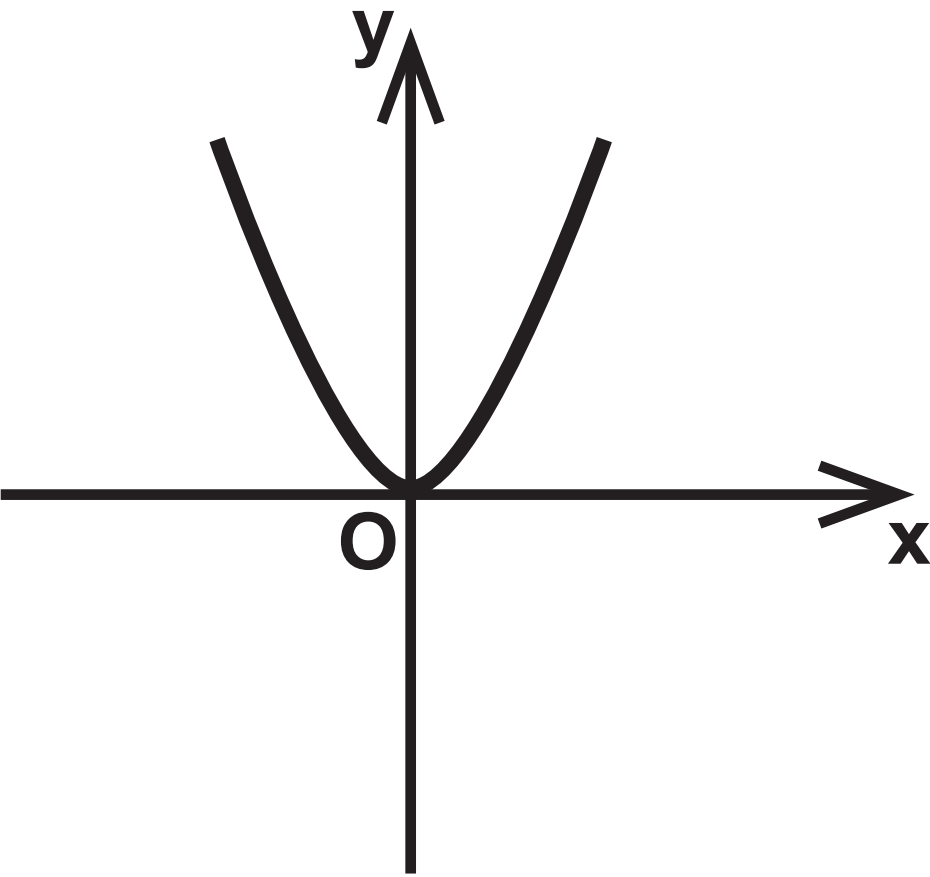
graph B



graph C

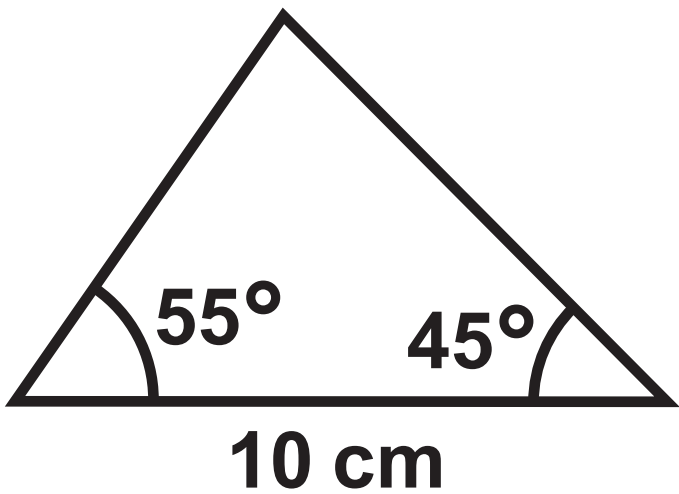


graph D

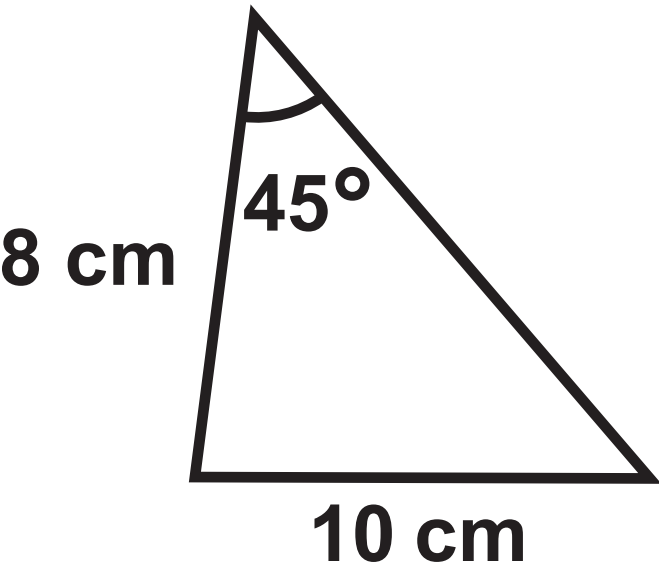


Question 23

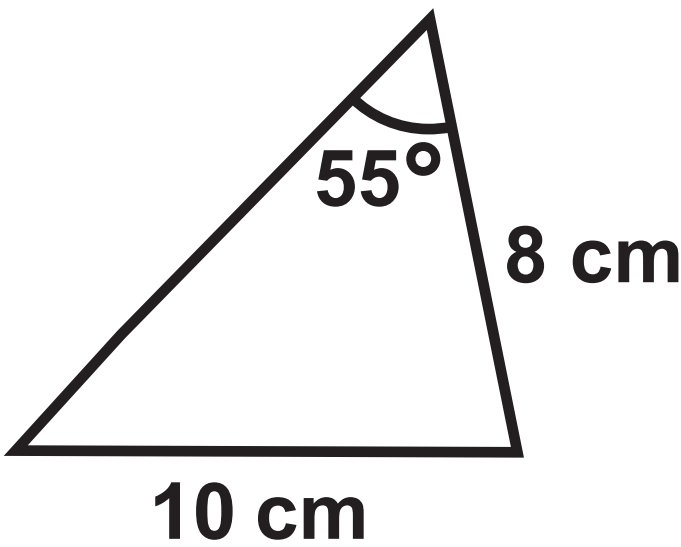
triangle A



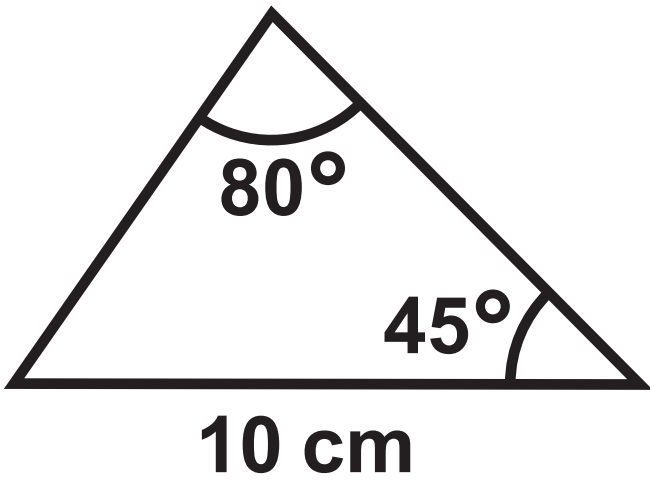
triangle B



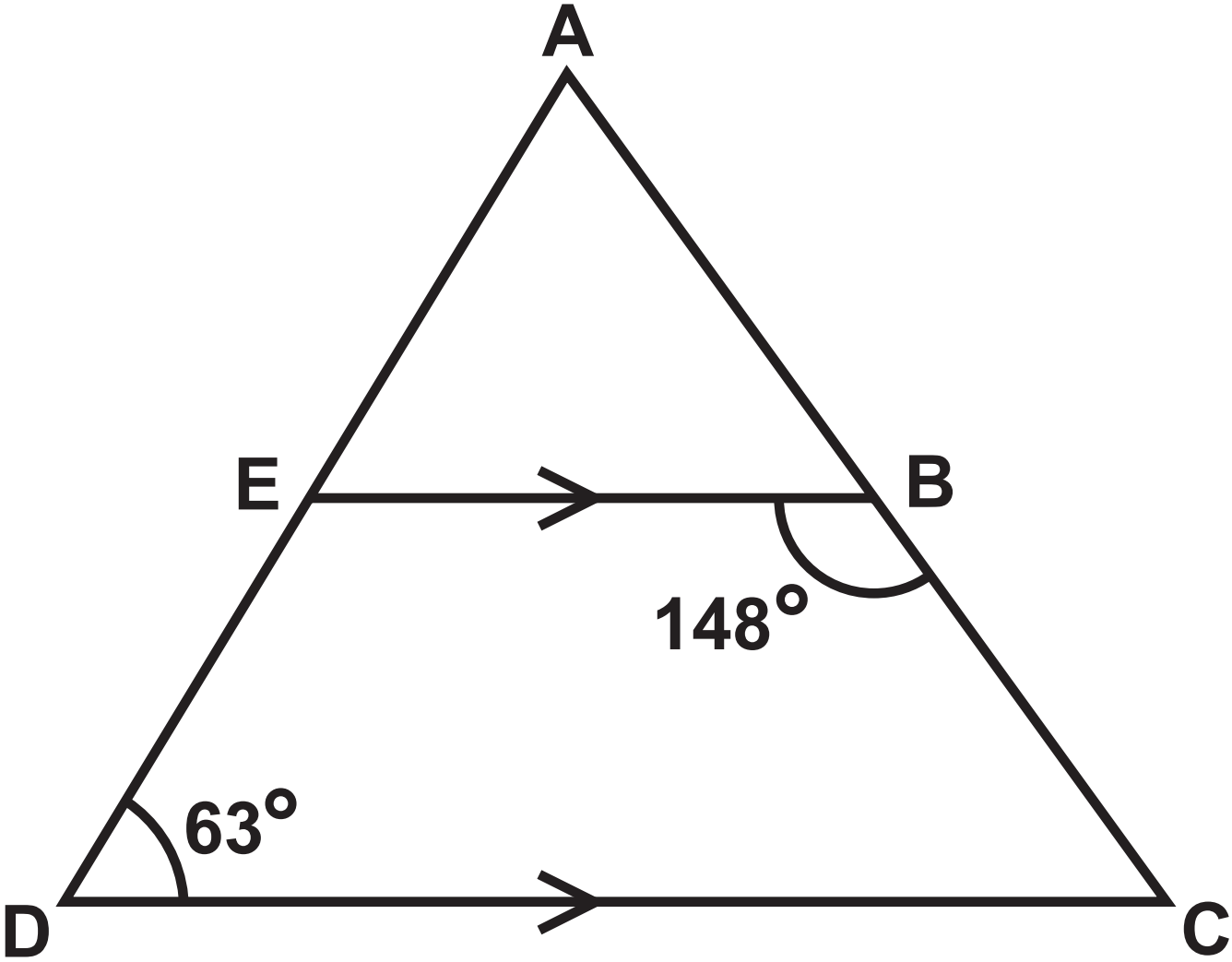
triangle C



triangle D



Question 25



Question 26

least height	150 cm
median	165 cm
greatest height	170 cm

Key: 15 | 8 represents 158 cm

15	8	9	9		
16	4	5	7	7	8
17	0	3	4	4	7
18	0	2			

Question 27

$$\text{pressure} = \frac{\text{force}}{\text{area}}$$

3 metres

