

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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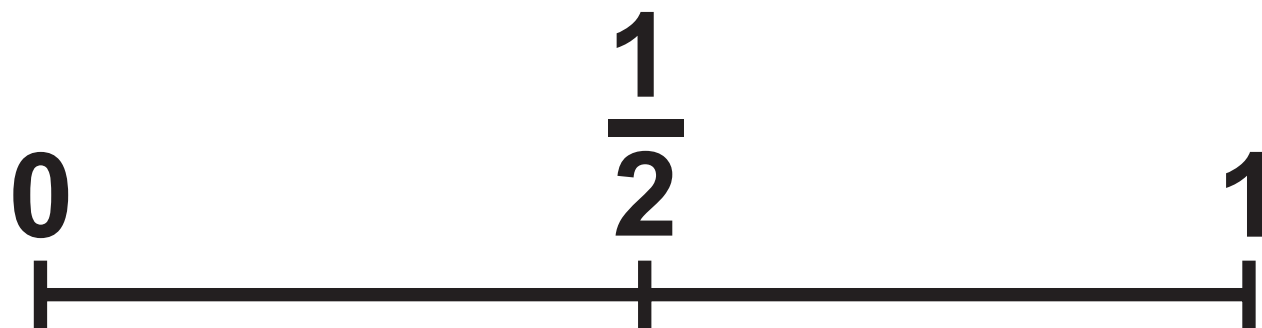
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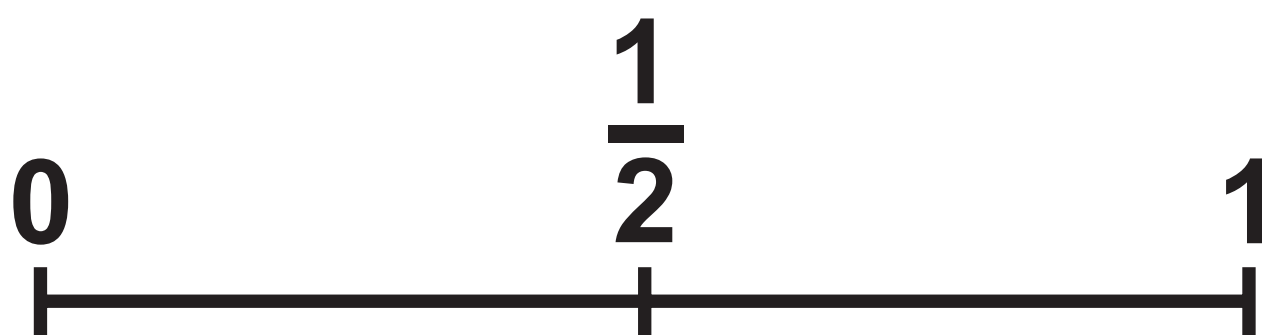
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Question 6

Question 6(a)

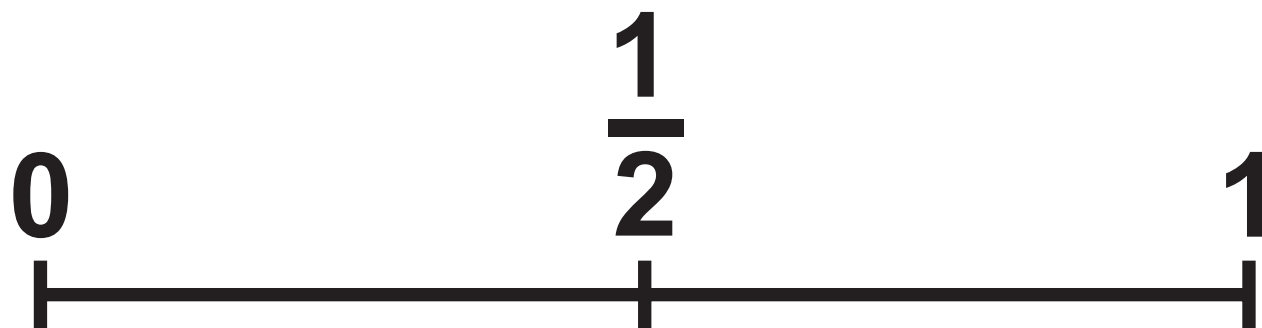


Question 6(b)

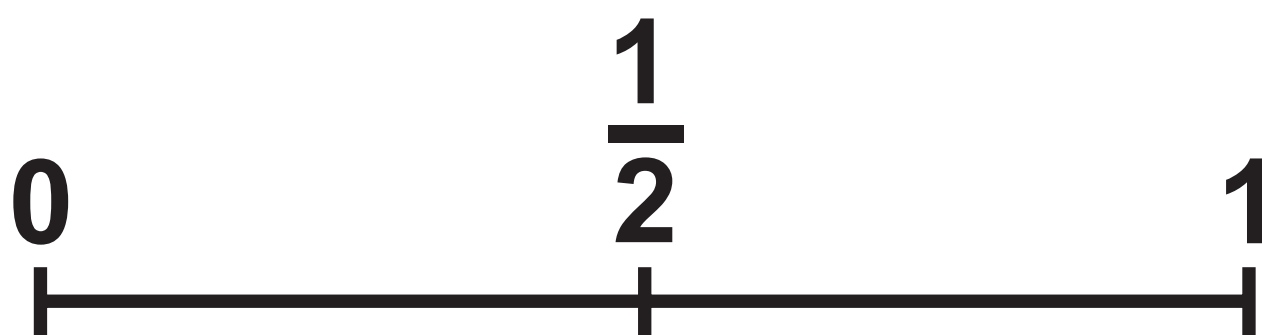


Question 6

Question 6(a)

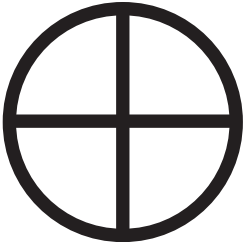



Question 6(b)



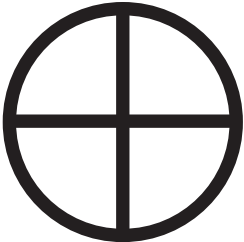

Question 7

Key:

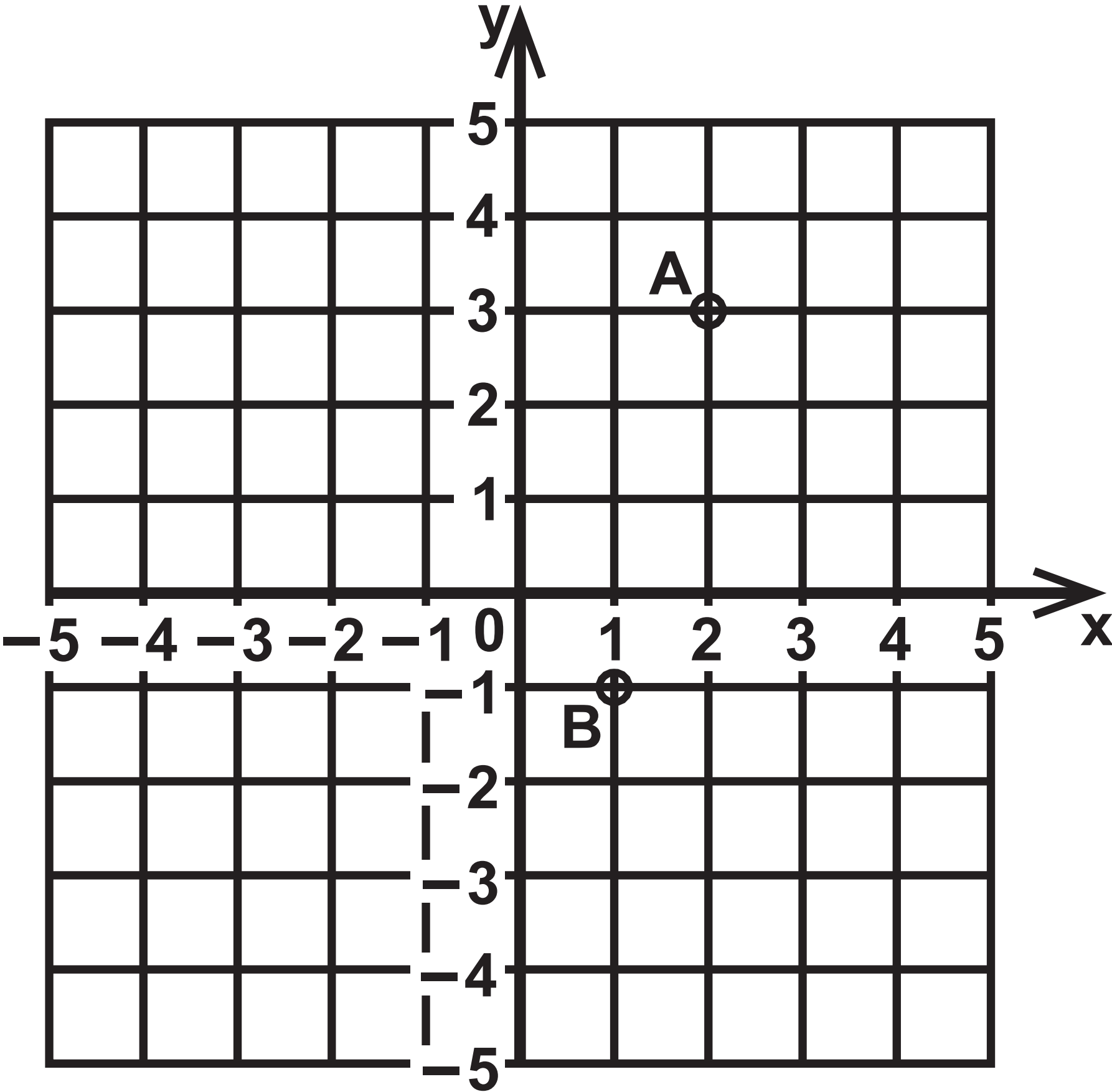
Monday	 
Tuesday	
Wednesday	

Question 7

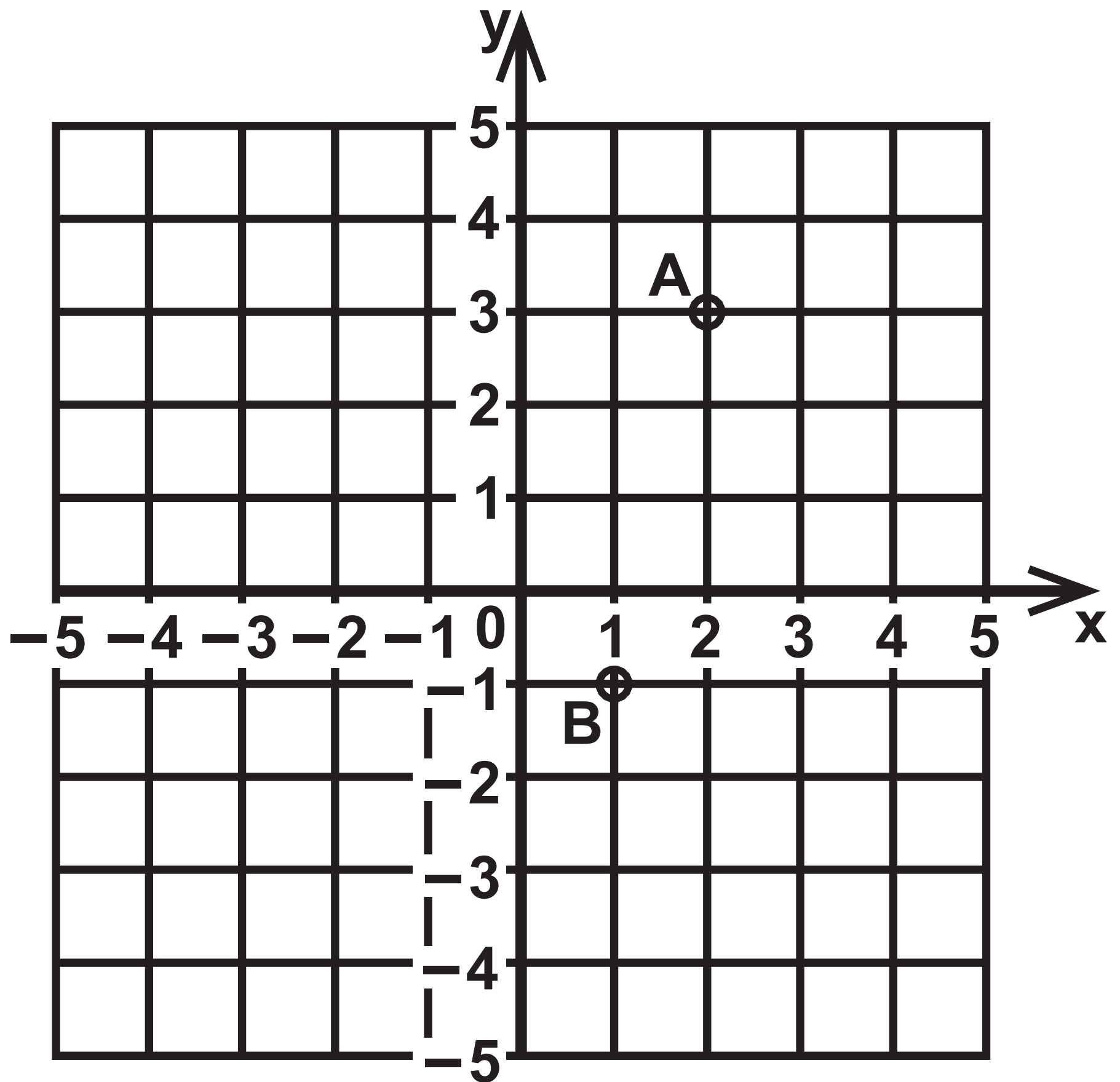
Key:

Monday	 
Tuesday	
Wednesday	

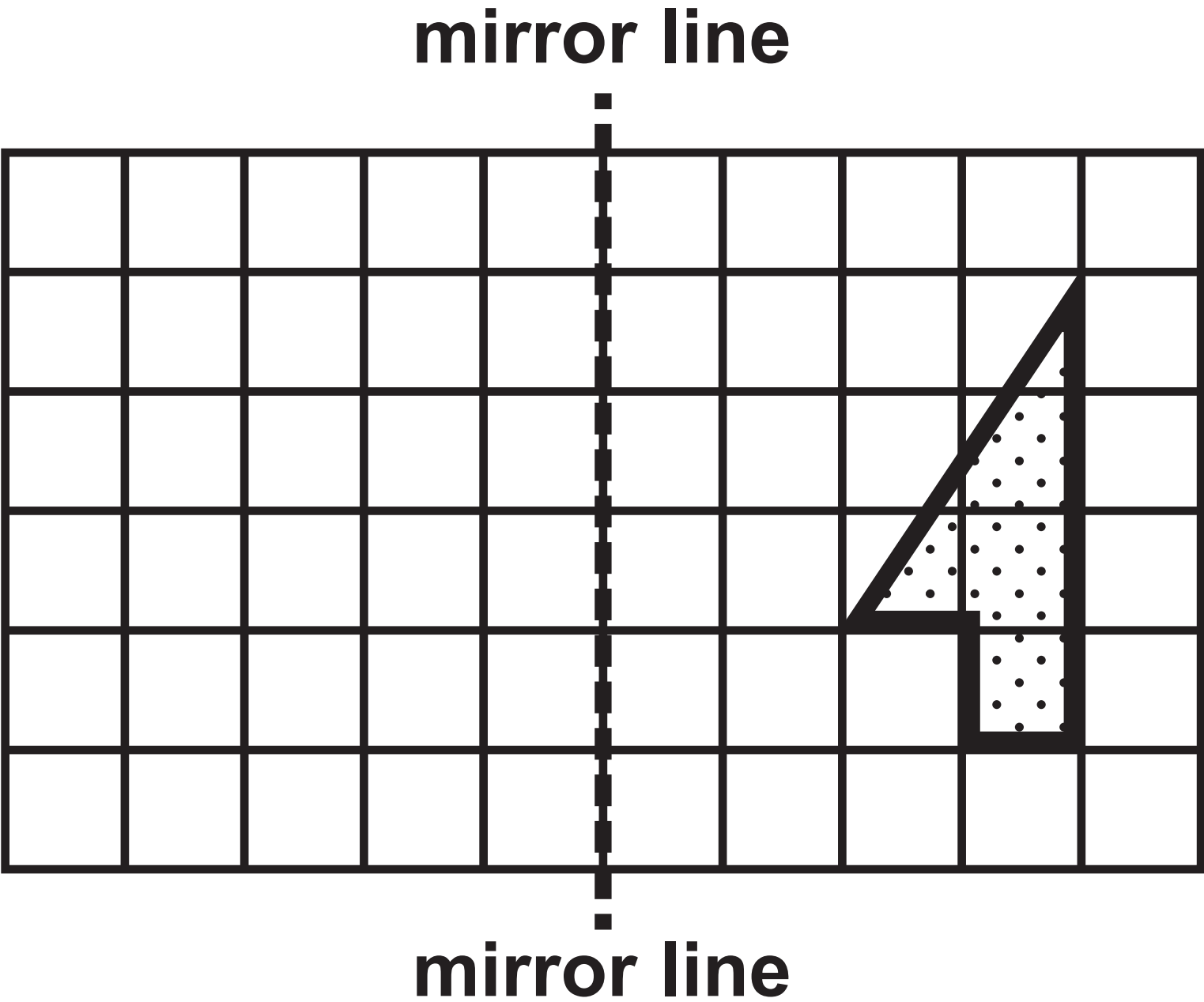
Question 8



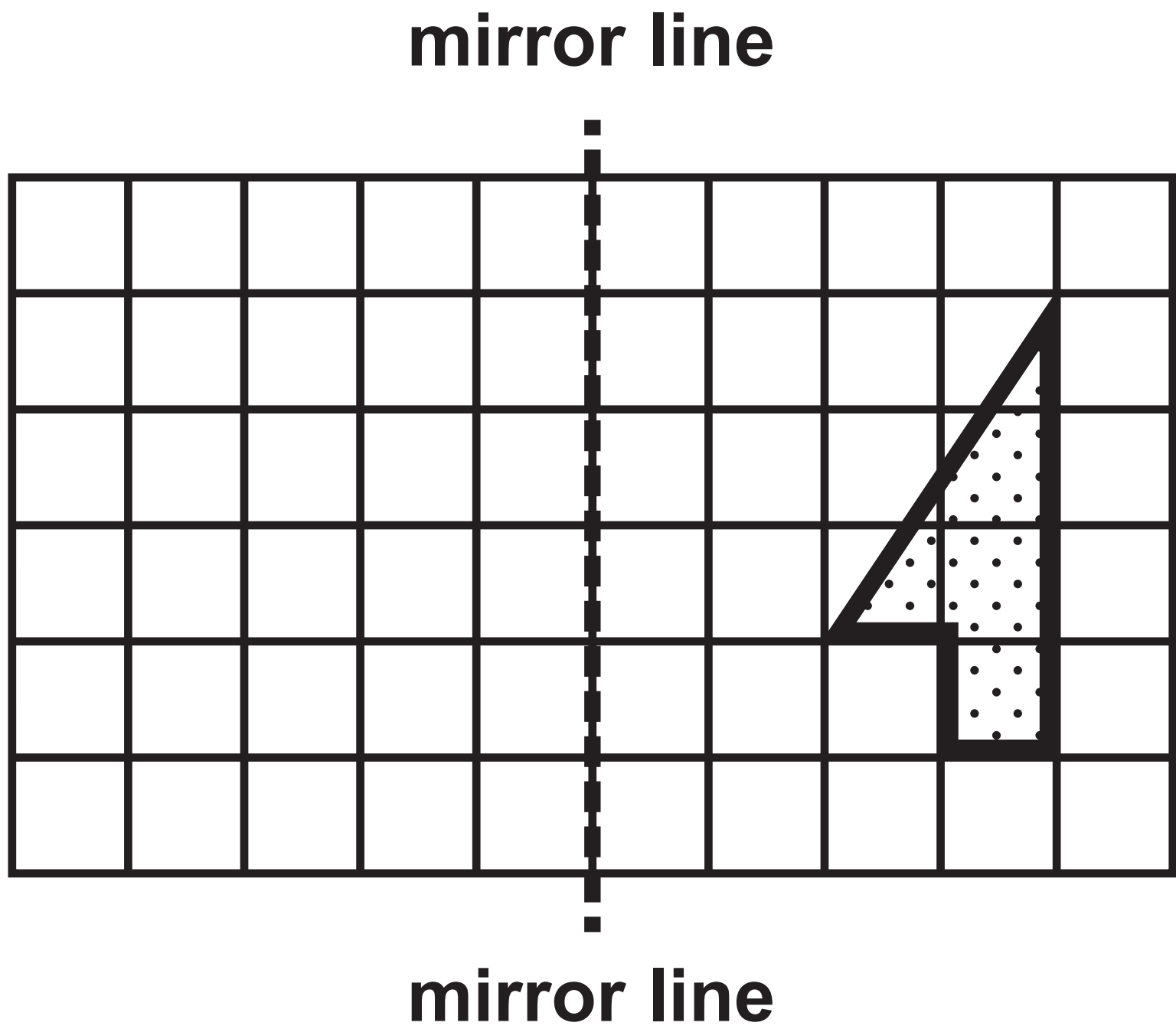
Question 8



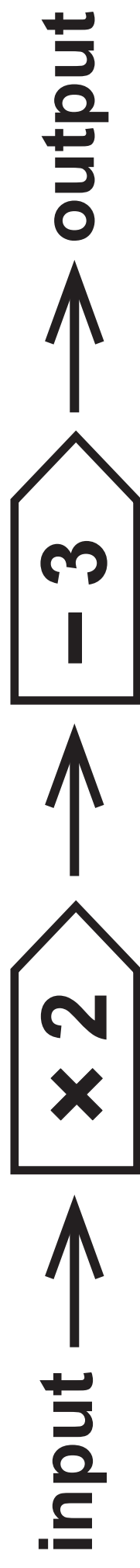
Question 11



Question 11

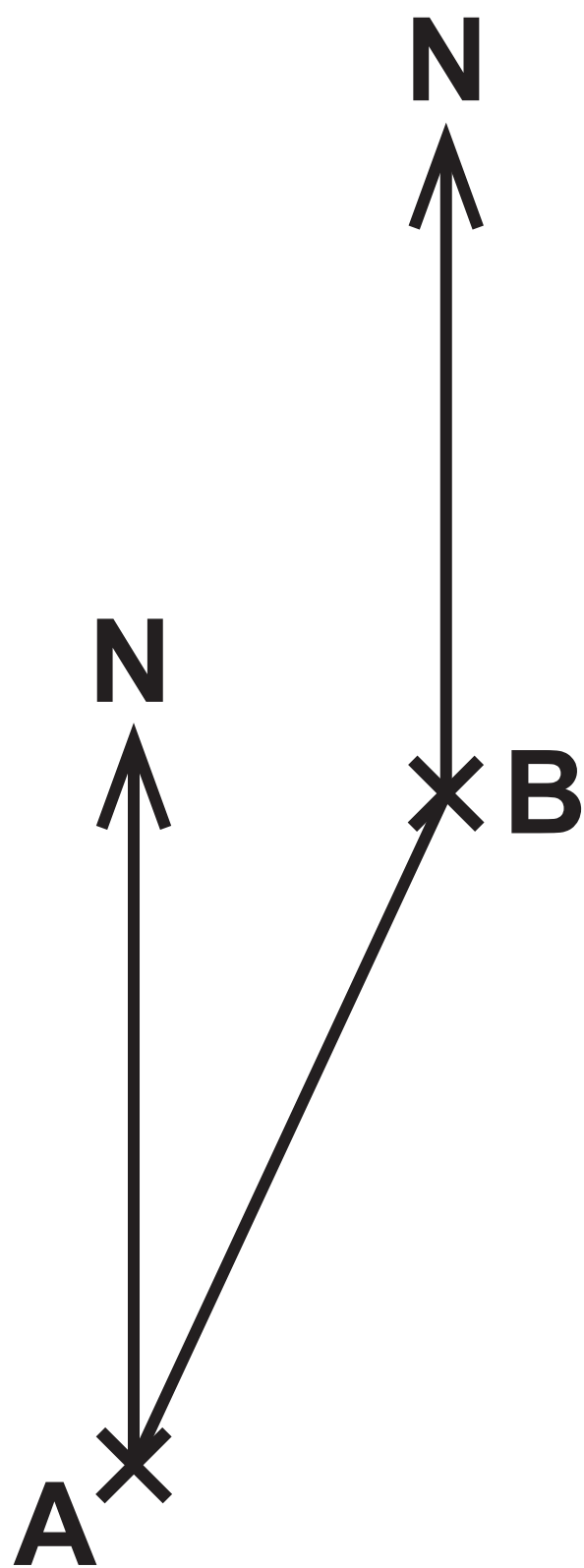


Question 12



Question 13

Scale: 1 to 25 000



	Cricket	Tennis	Swimming	Total
Male students				
Female students				20
Total				30

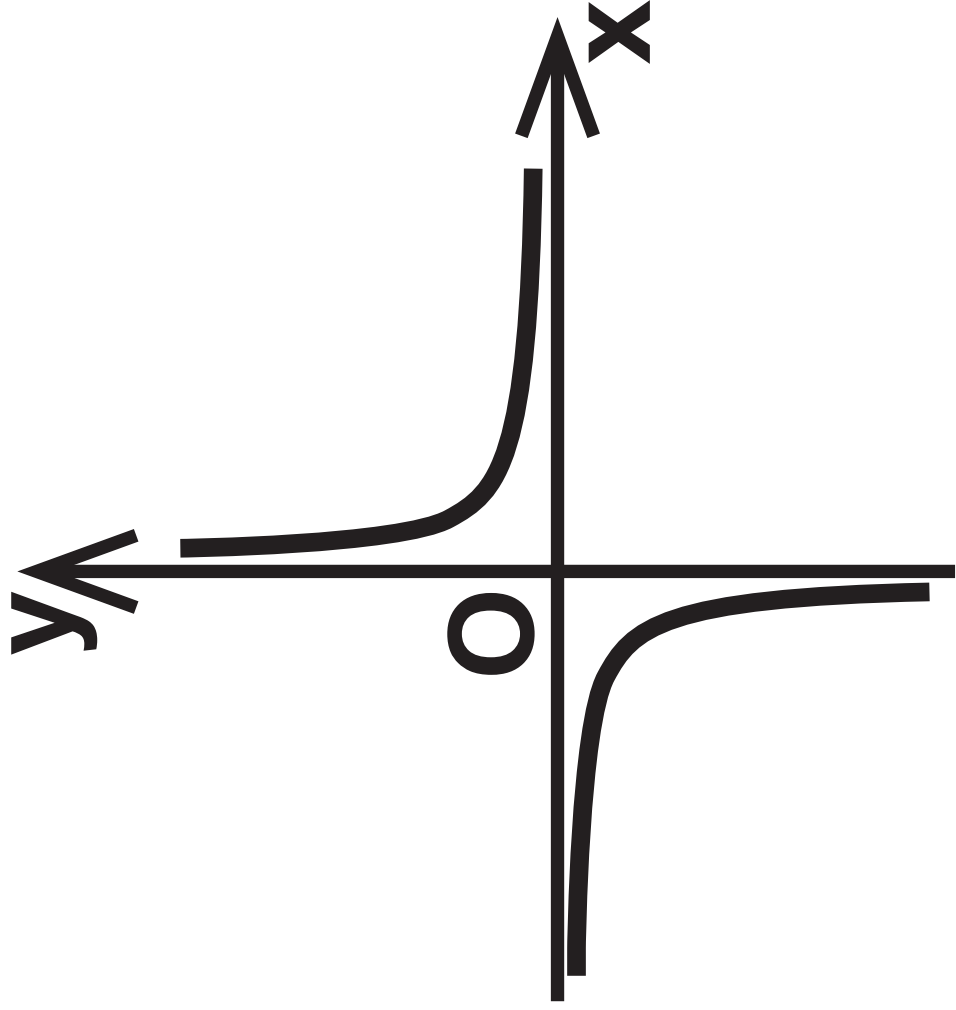
	Cricket	Tennis	Swimming	Total
Male students				
Female students				20
Total				30

Question 16

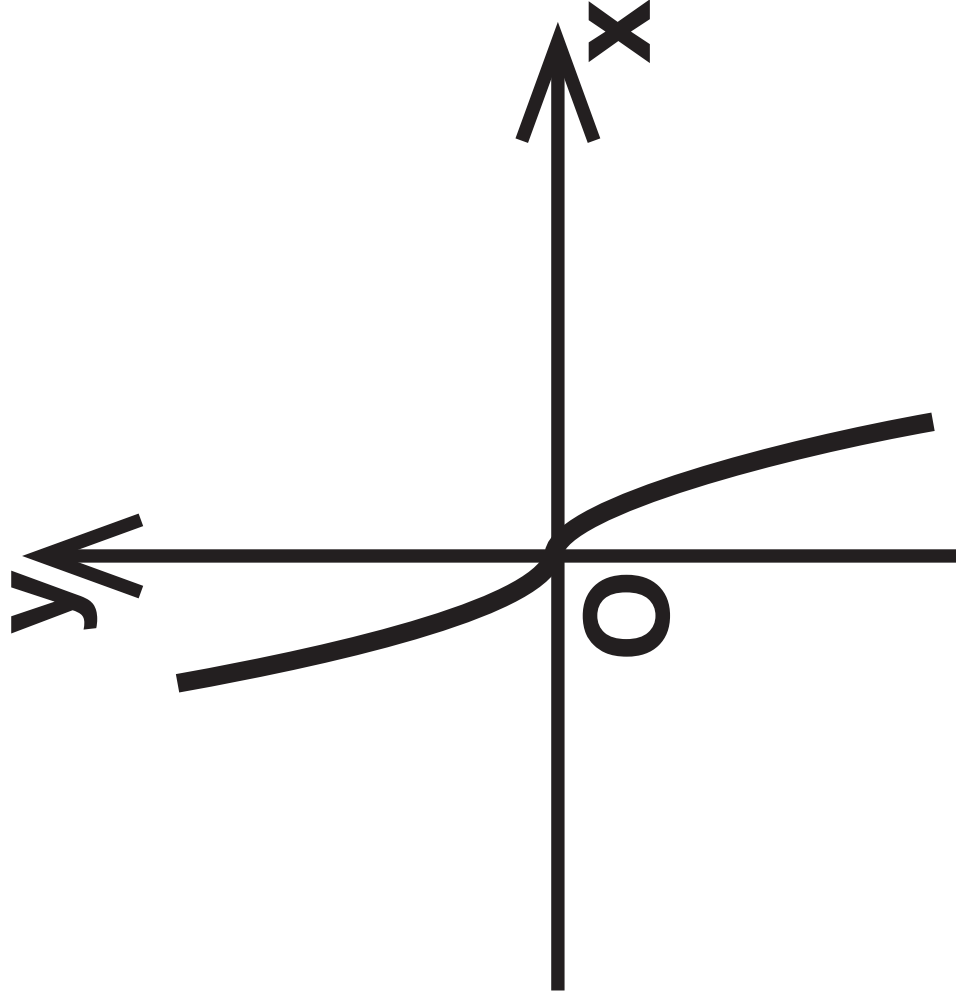
Number of points	Frequency
0	1
1	3
2	5
3	4
4	3

Question 22 – Part 1

graph A

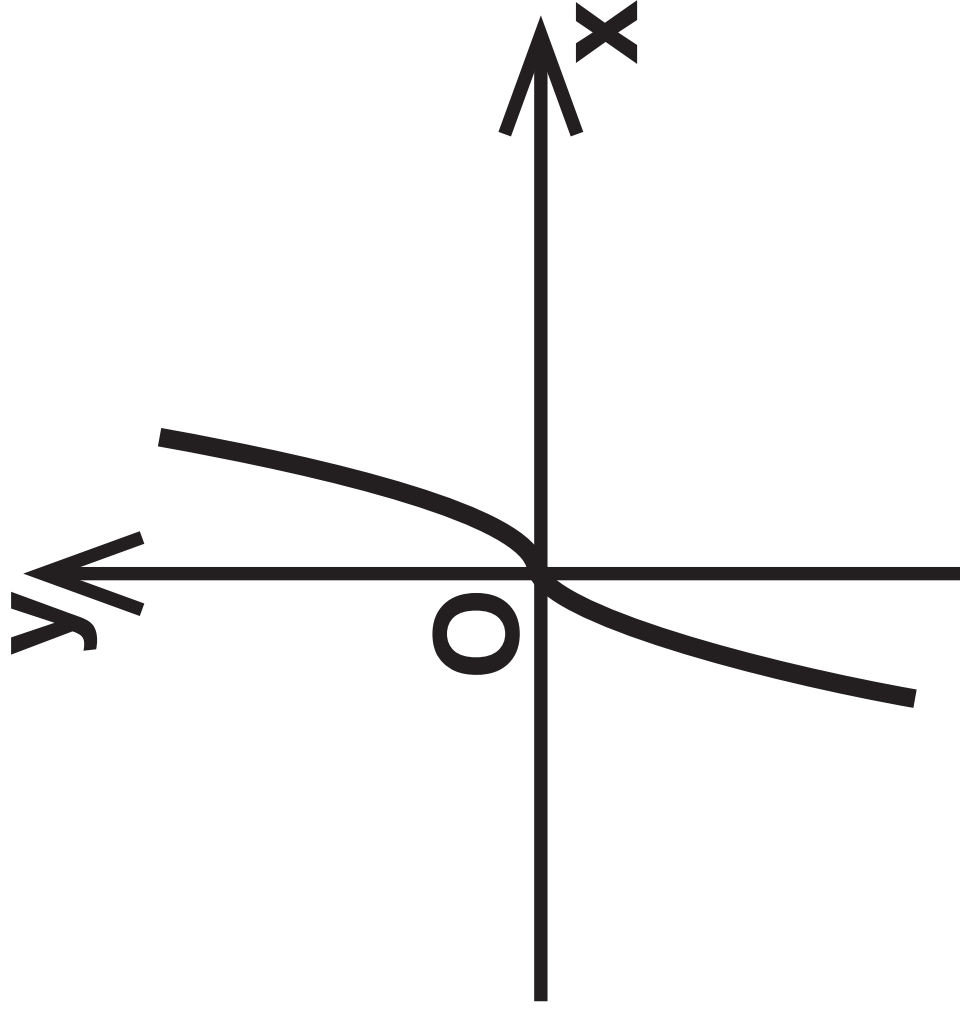


graph B

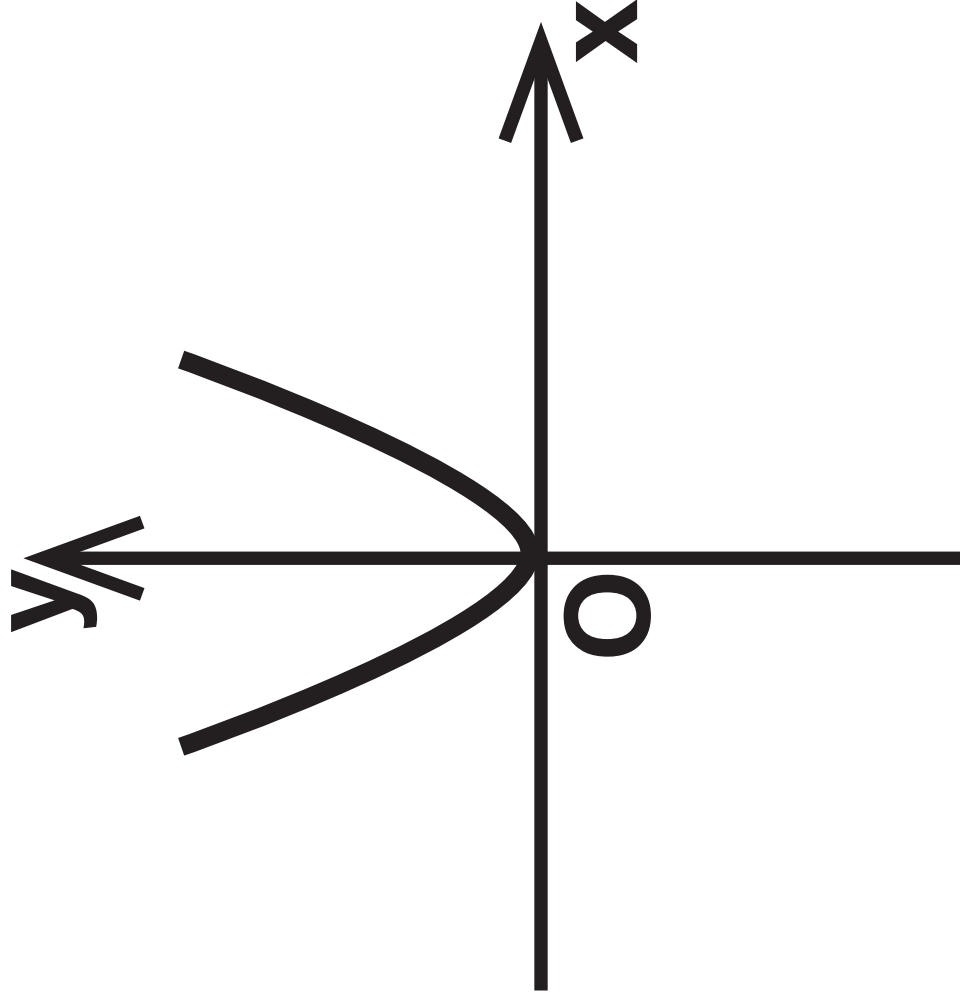


Question 22 – Part 2

graph C

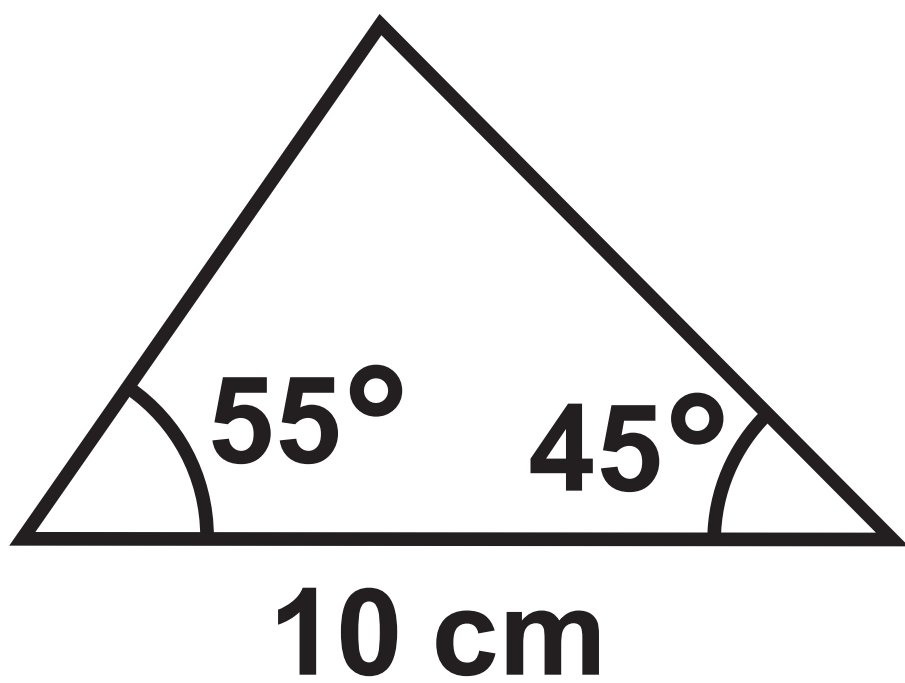


graph D

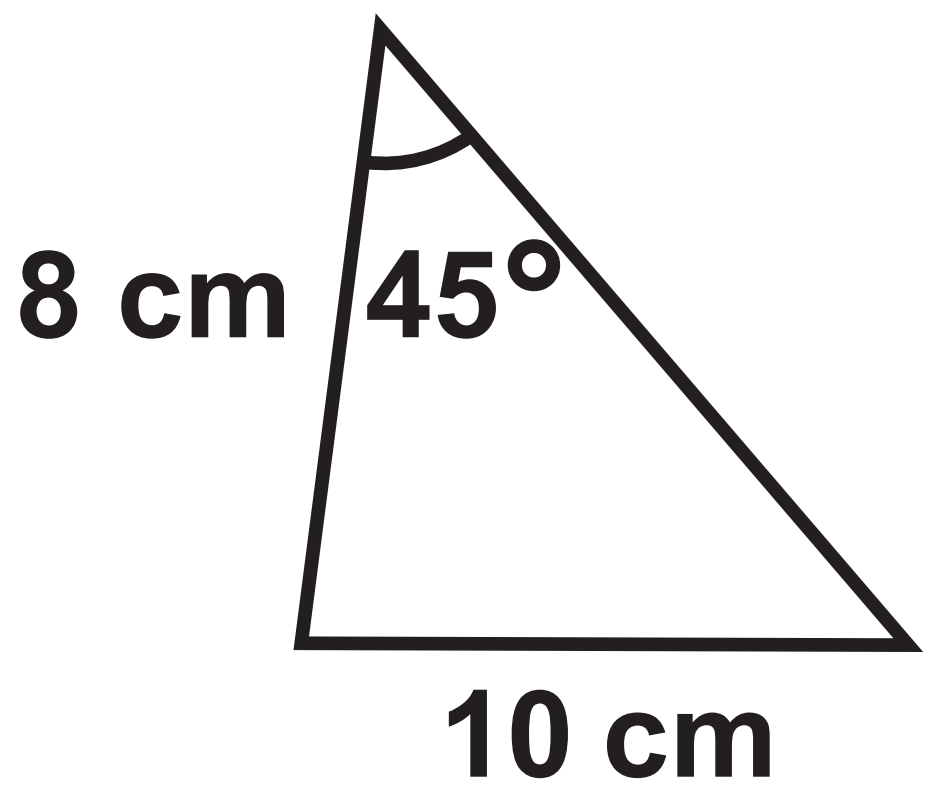


Question 23

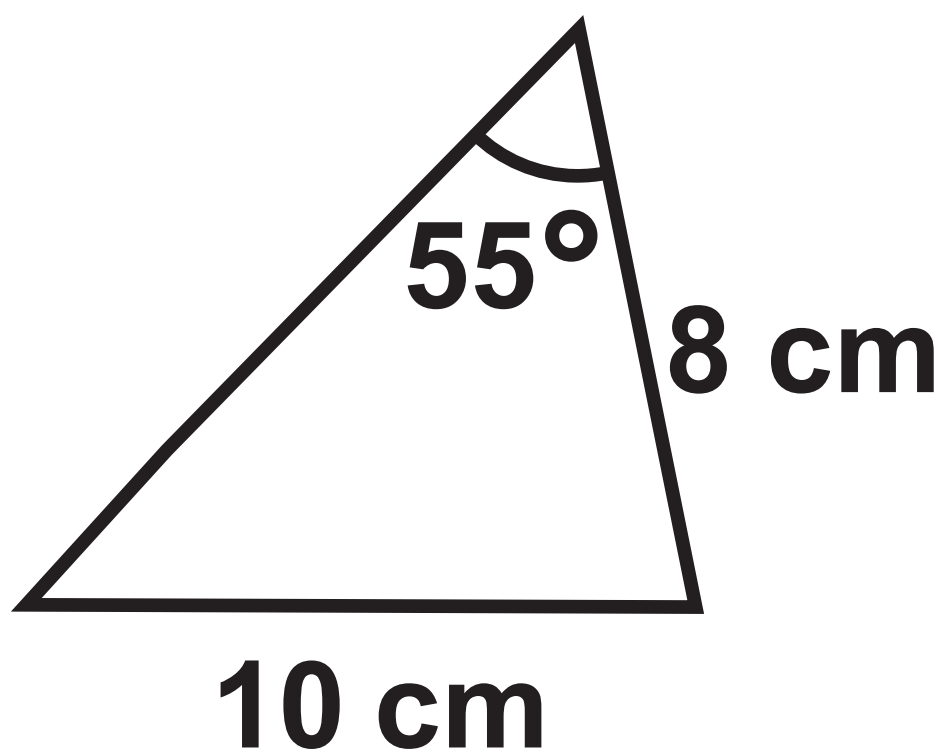
triangle A



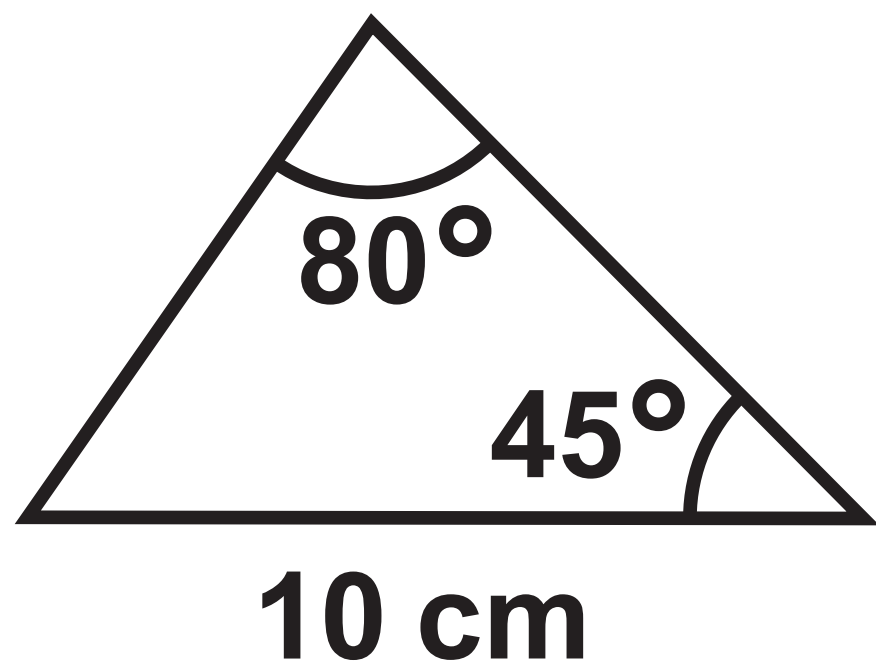
triangle B



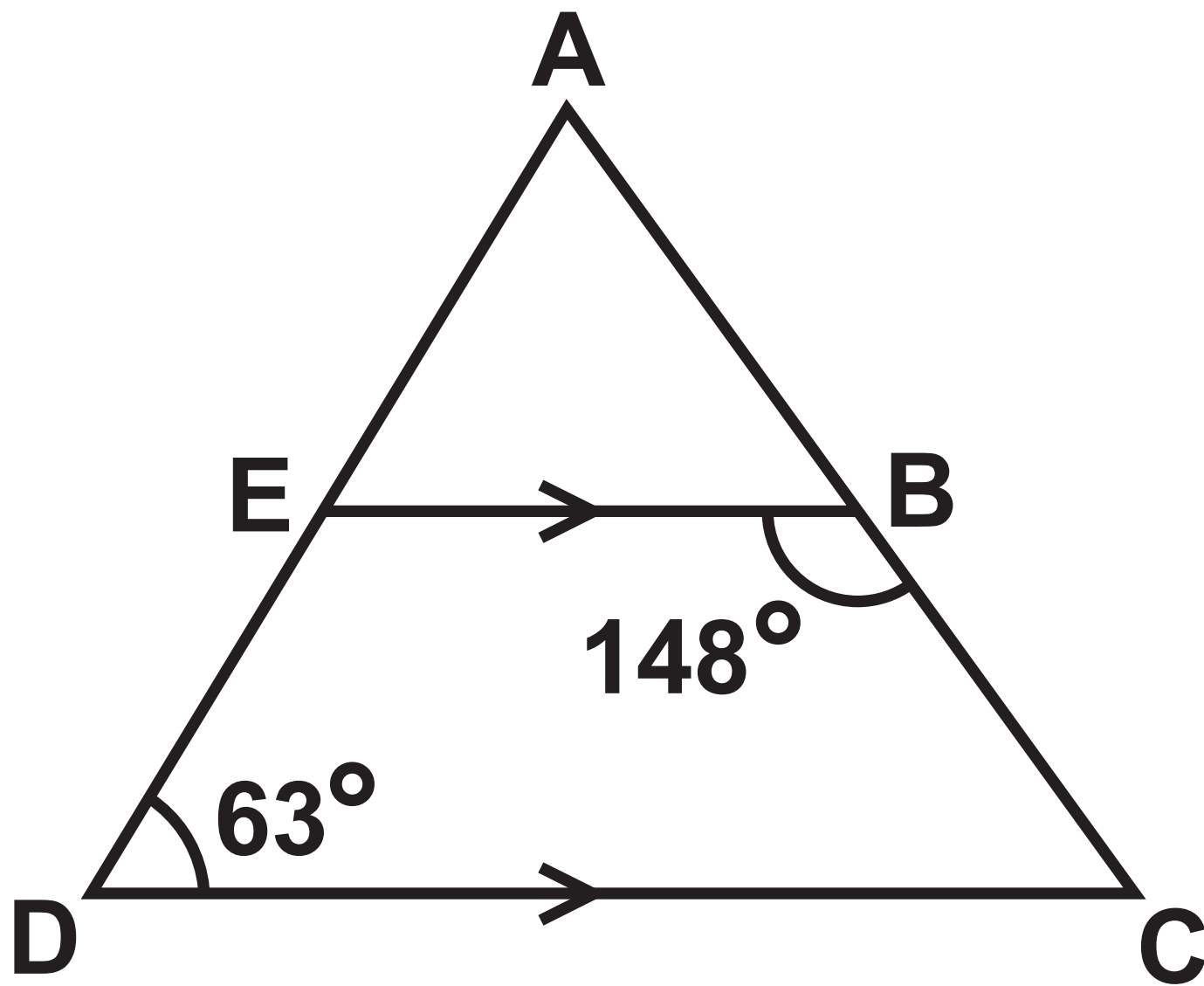
triangle C



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

