

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.**

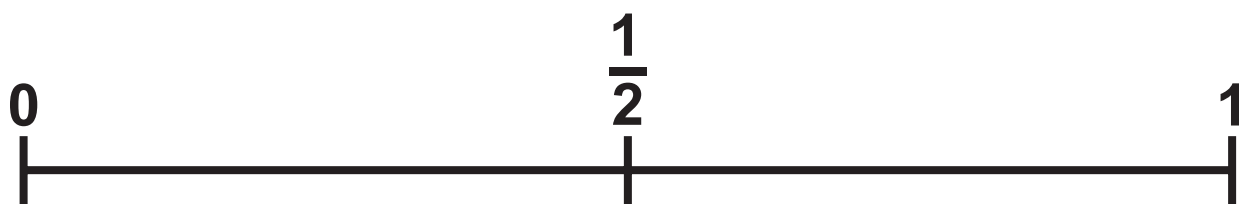
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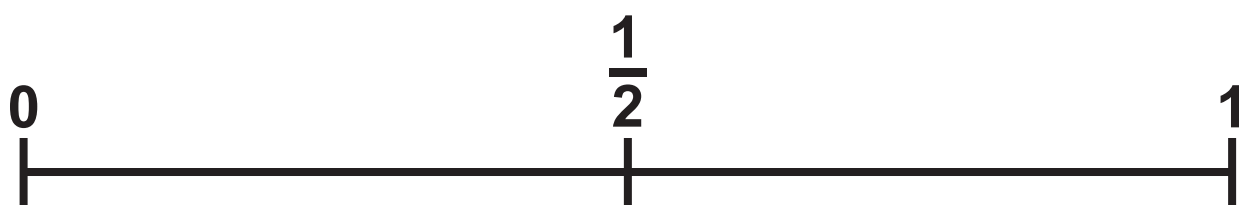
4	Question 6
5	Question 6 (Spare copy)
6	Question 7
7	Question 7 (Spare copy)
8	Question 8
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10	Question 11
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Question 6

Question 6(a)

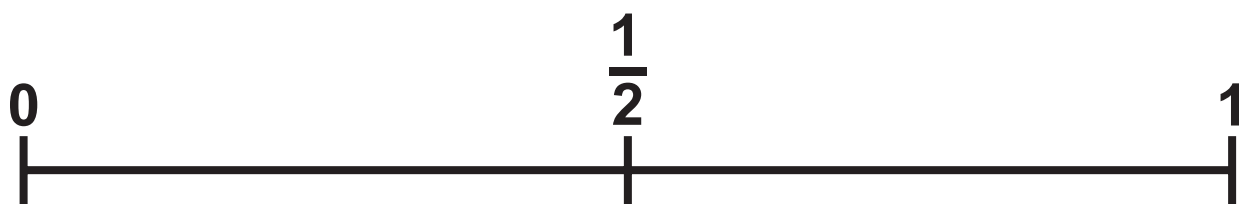


Question 6(b)

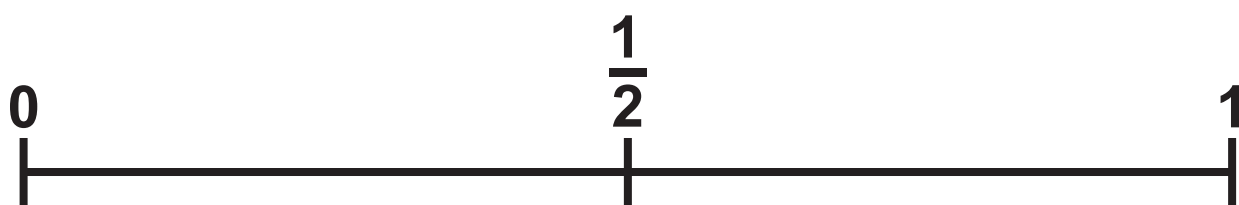


Question 6

Question 6(a)

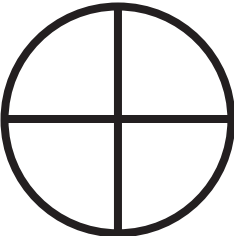



Question 6(b)



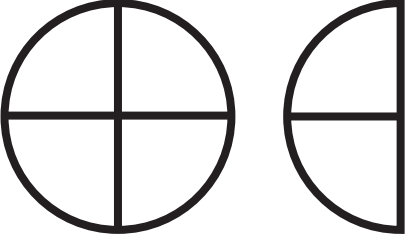
Question 7

Key:

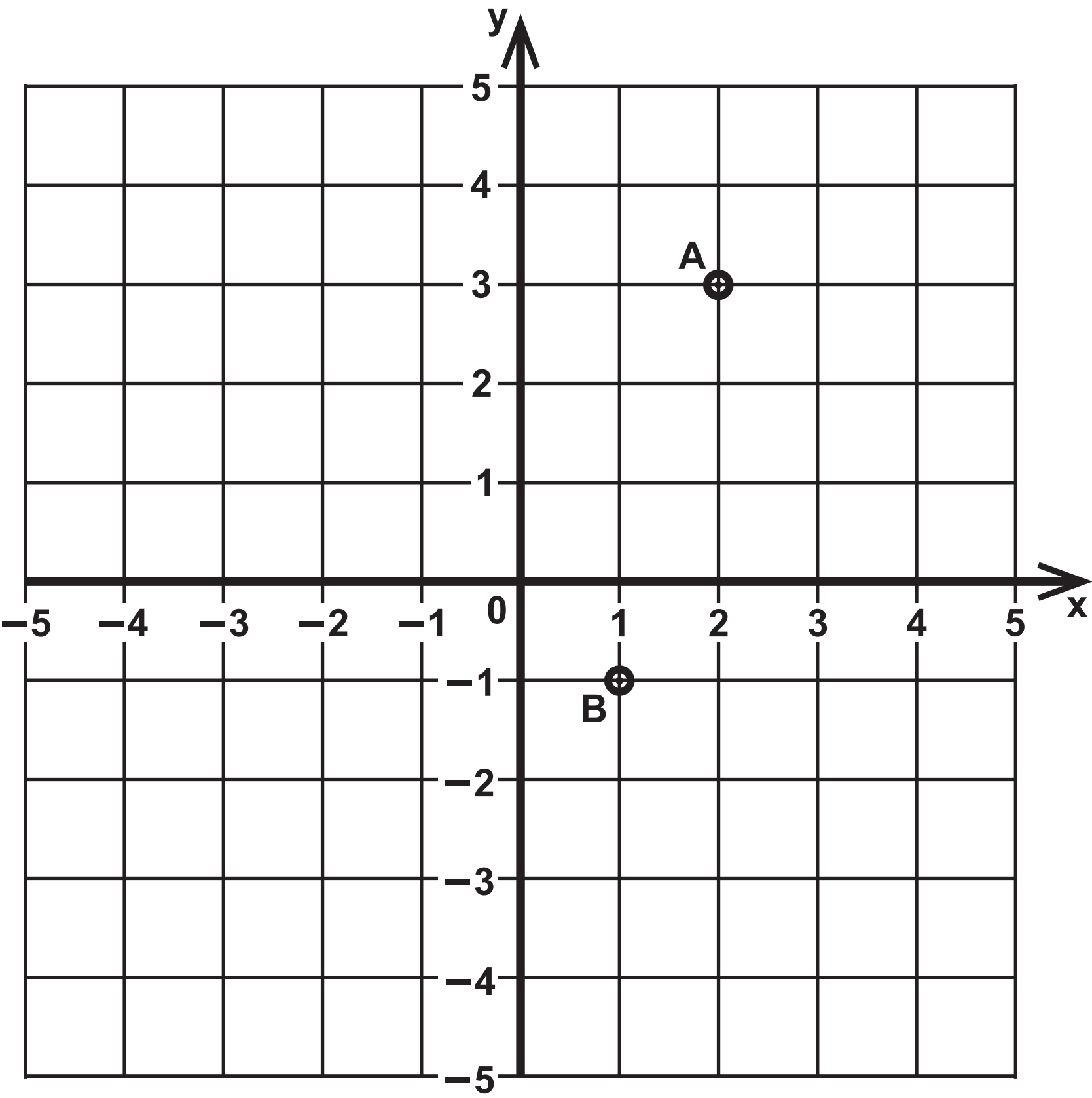
Monday	 
Tuesday	
Wednesday	

Question 7

Key:

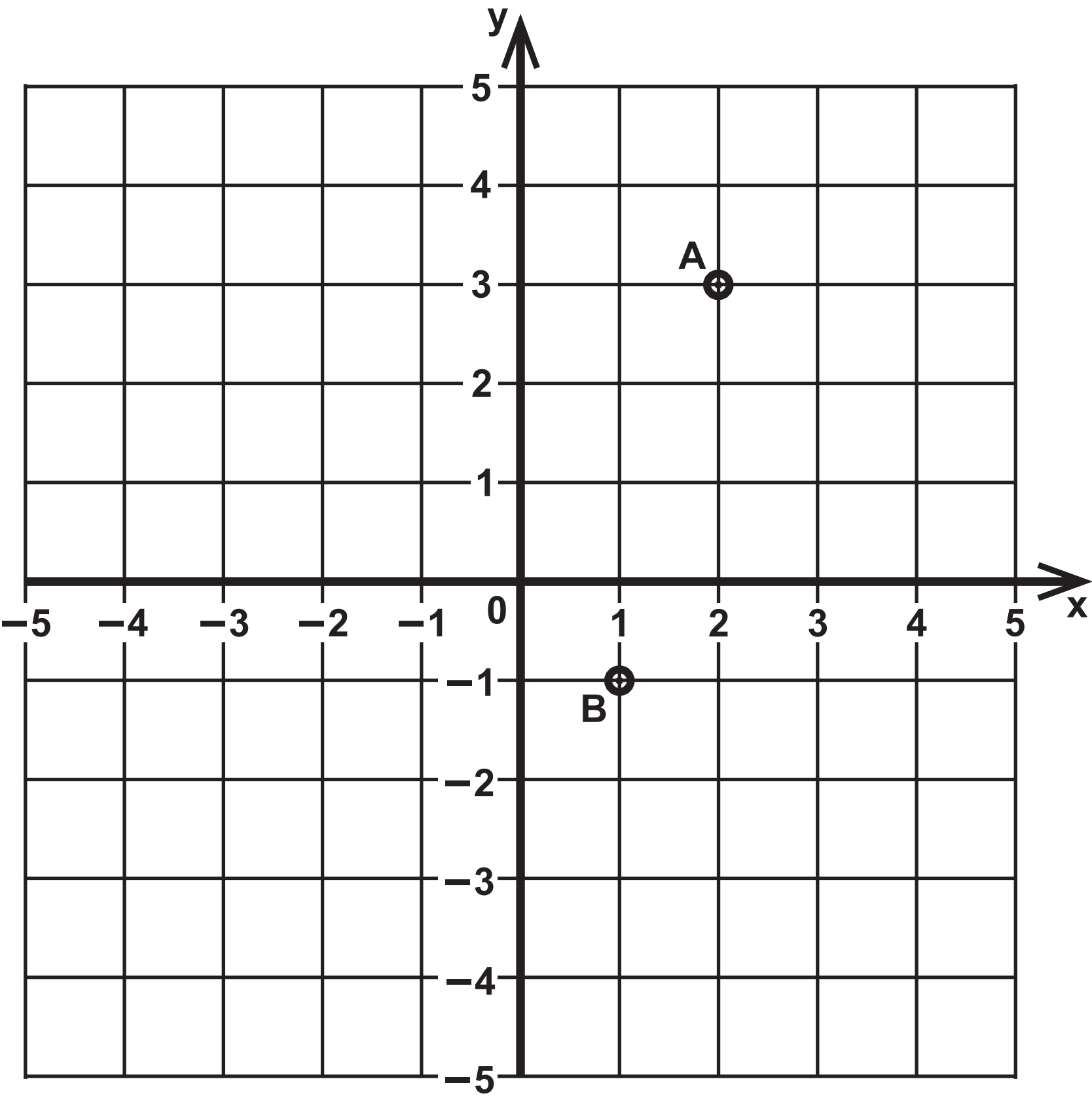
Monday	
Tuesday	
Wednesday	

Question 8

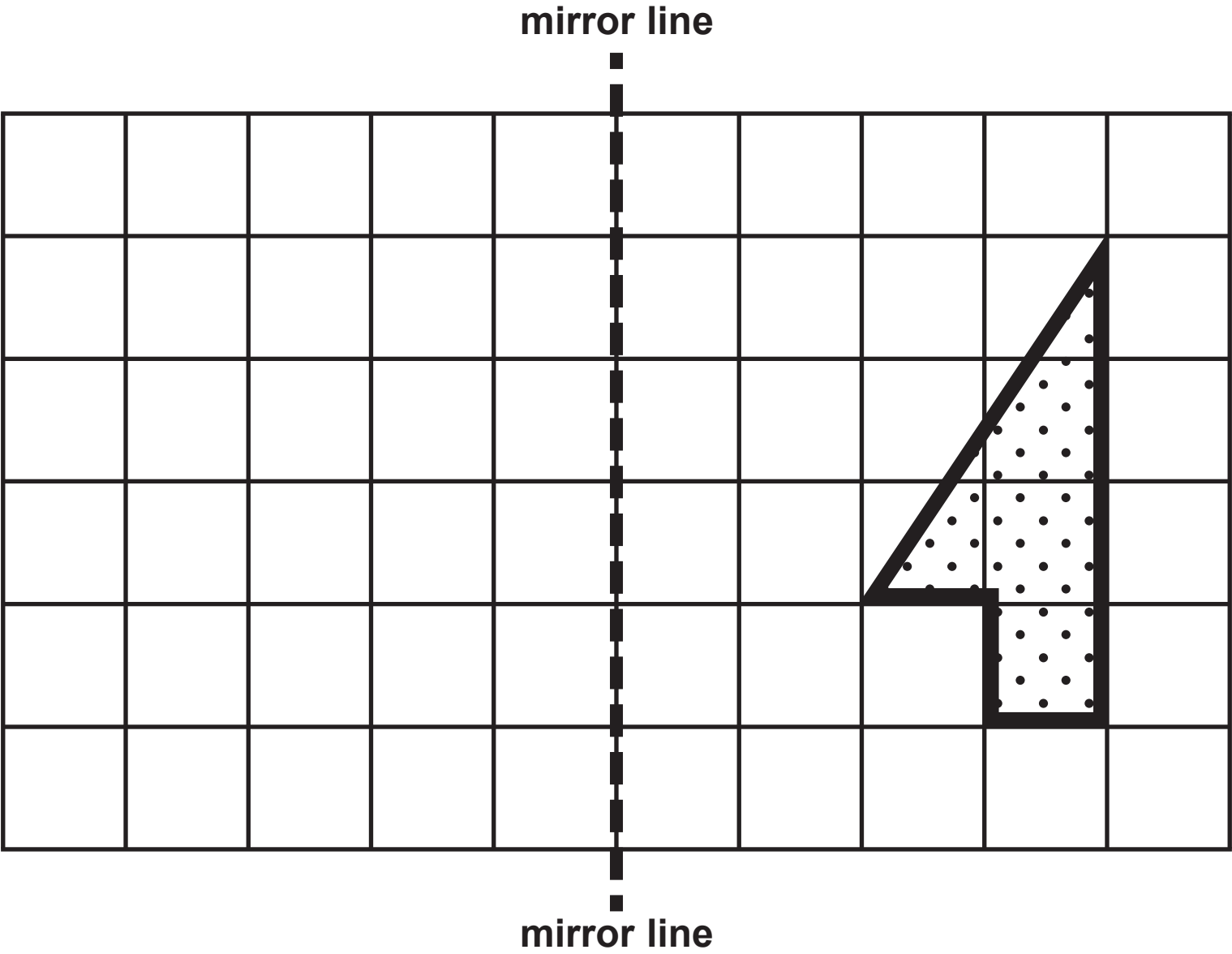




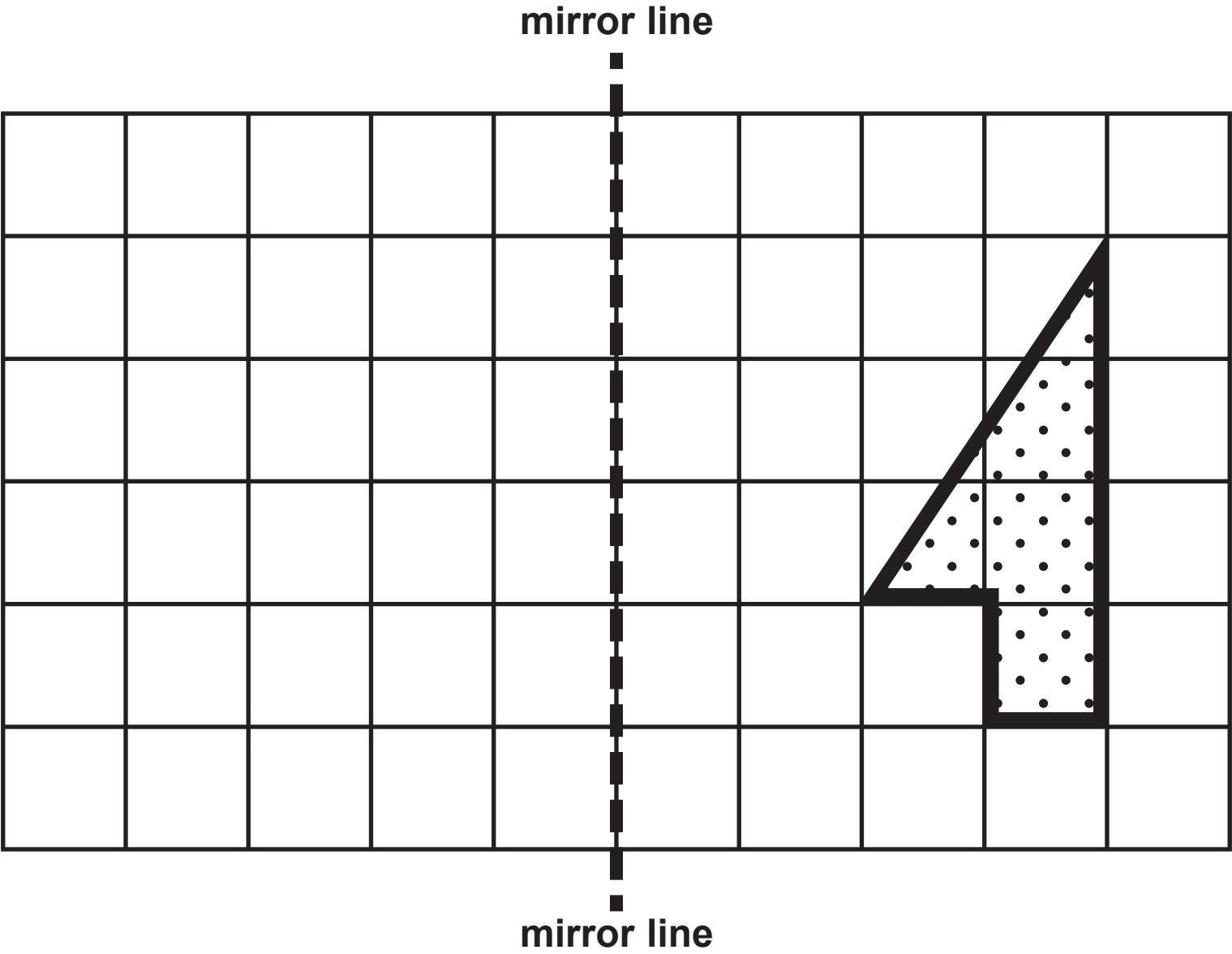
Question 8



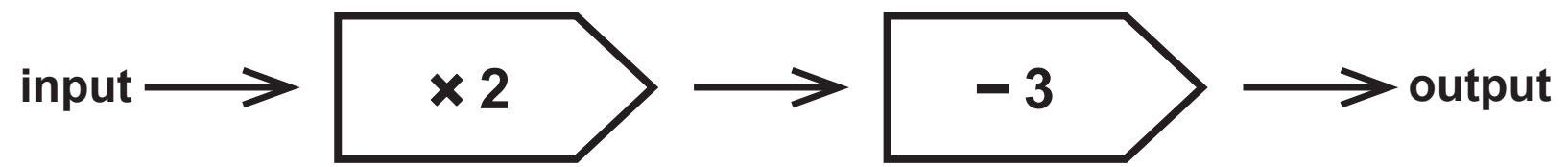
Question 11



Question 11

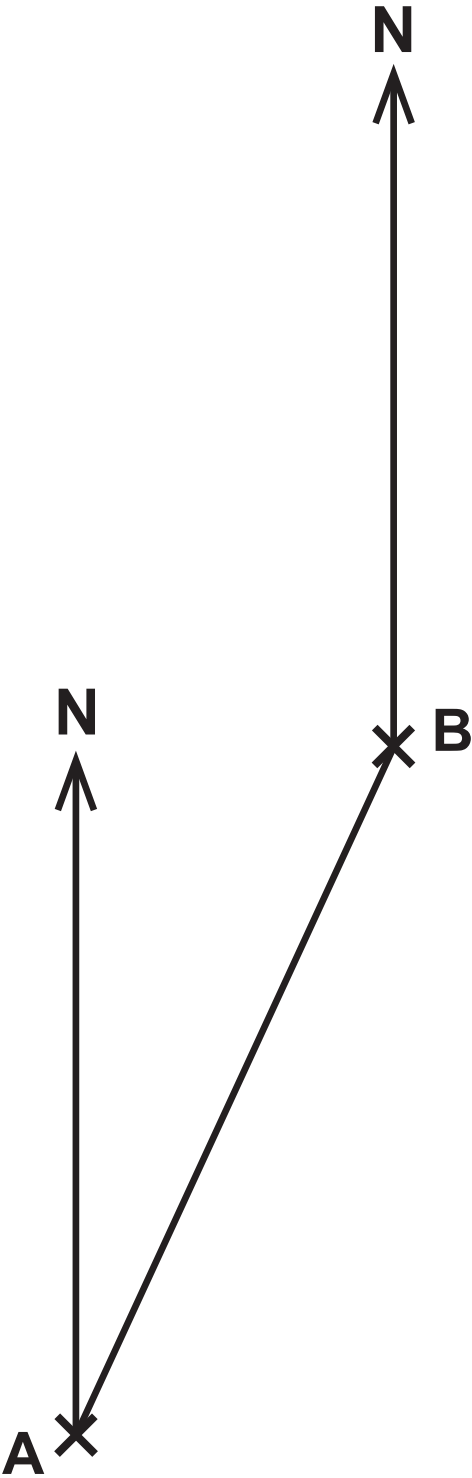


## Question 12



Question 13

Scale: 1 to 25 000



Question 14

	Cricket	Tennis	Swimming	Total
Male students				
Female students				20
Total				30

	Cricket	Tennis	Swimming	Total
Male students				
Female students				20
Total				30

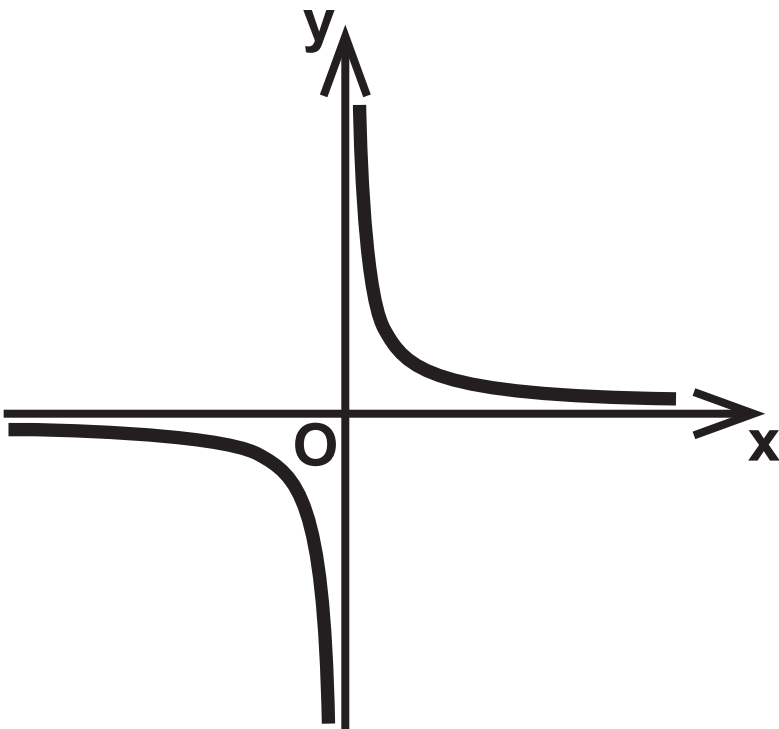
Question 16

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

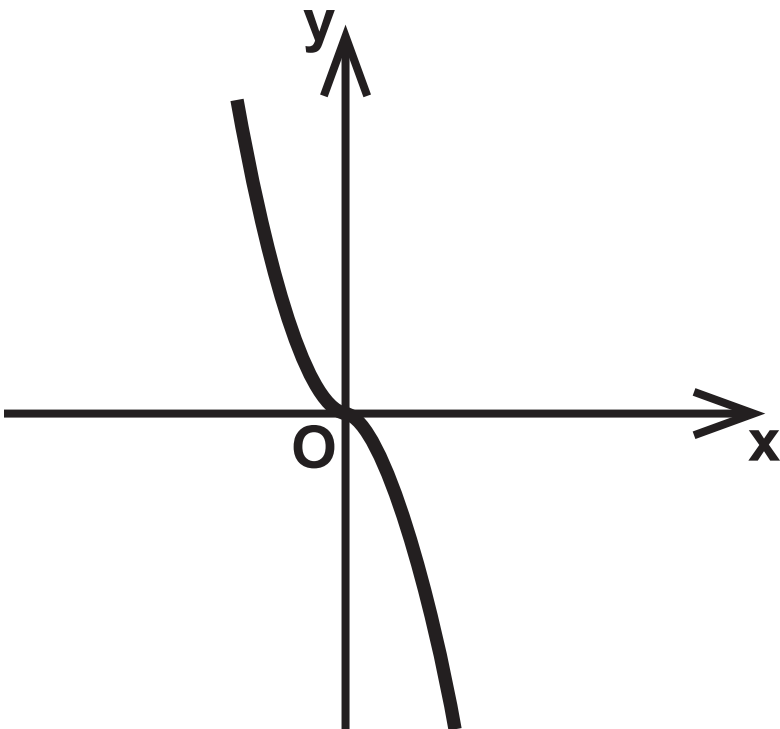


Question 22

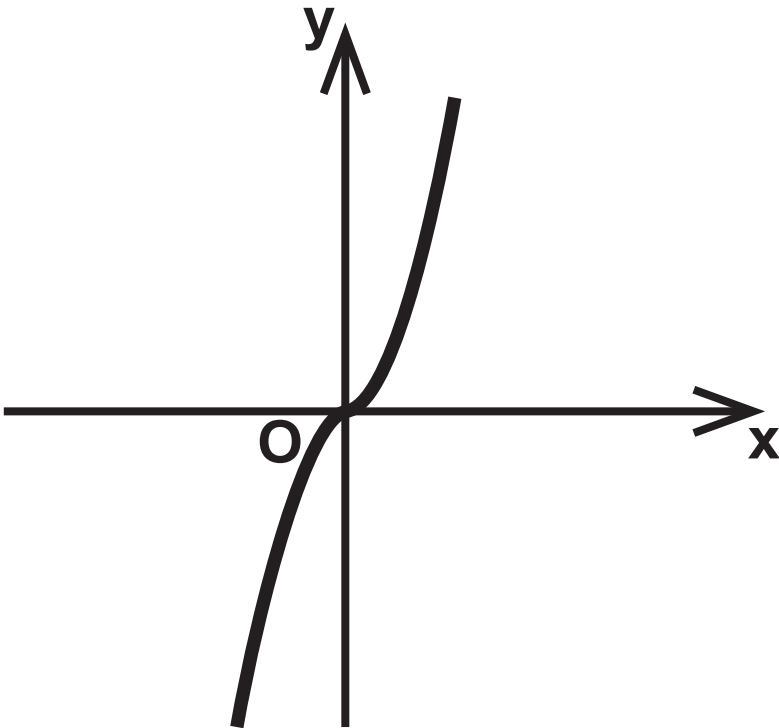
graph A



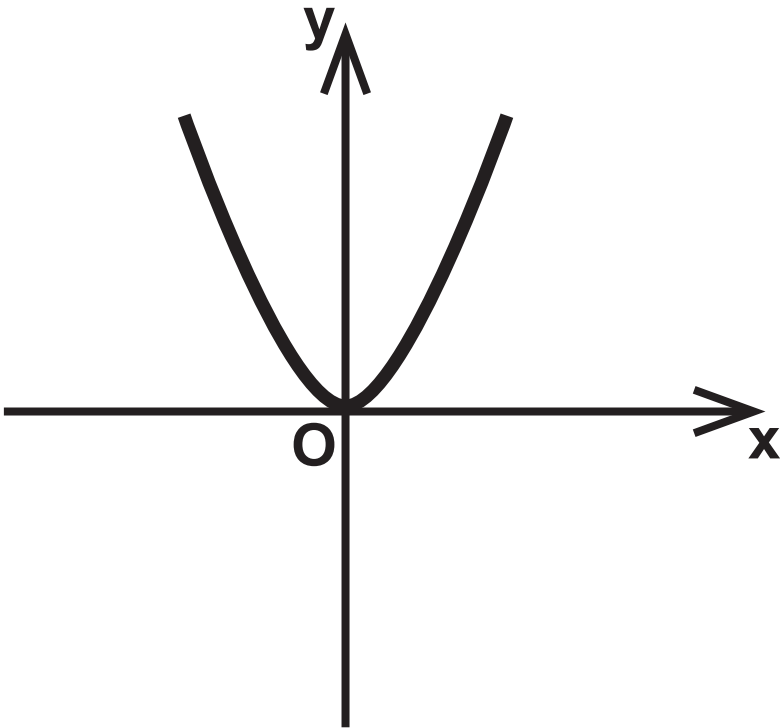
graph B



graph C

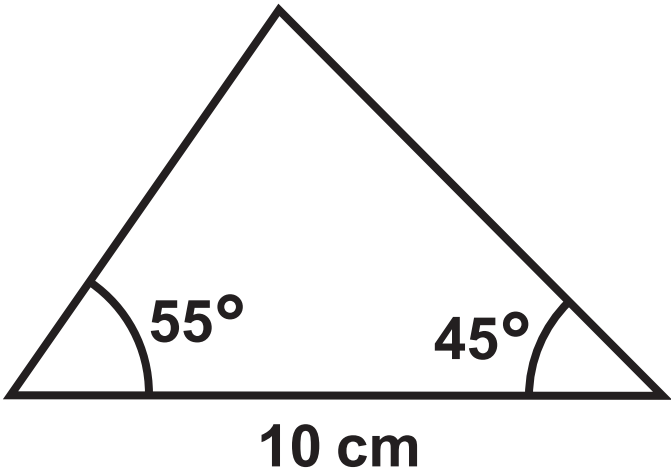


graph D

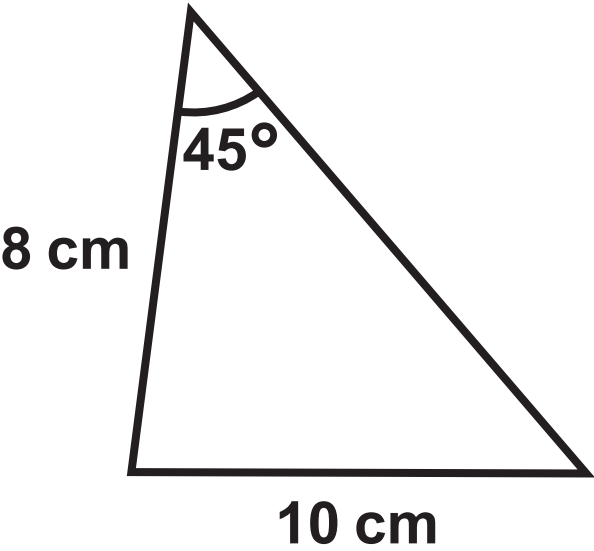


Question 23

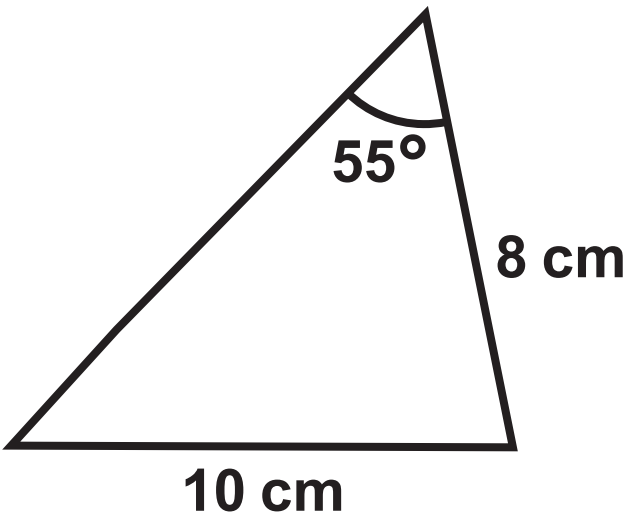
triangle A



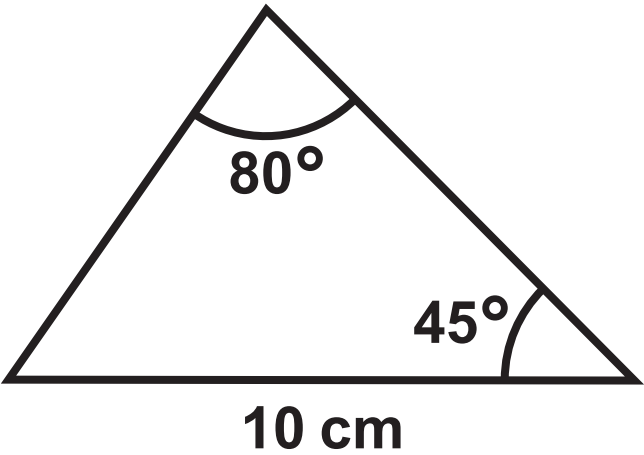
triangle B



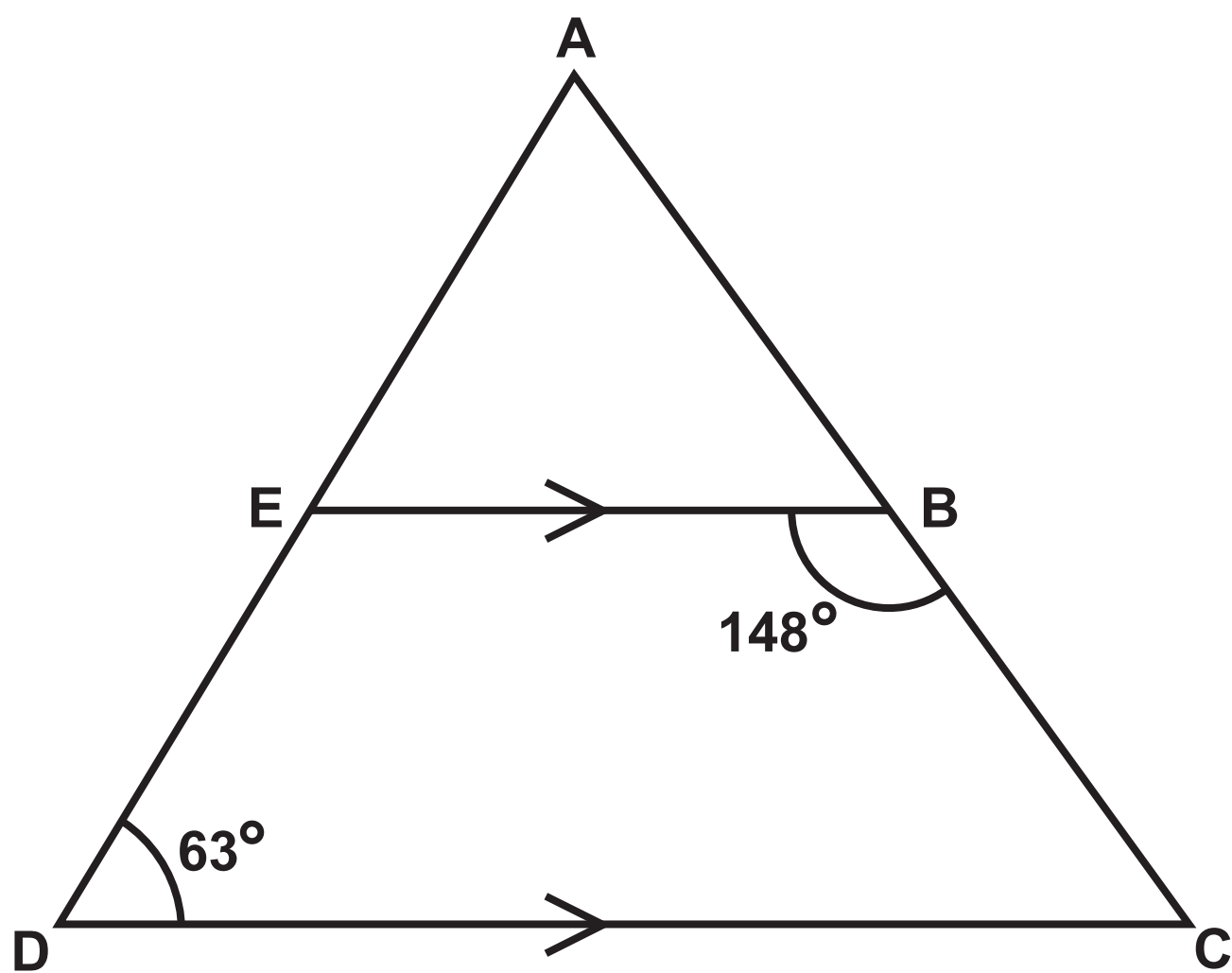
triangle C



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

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

