

Paper Reference 4MA1/1F
Pearson Edexcel
International GCSE

Mathematics A
PAPER 1F
Foundation Tier
(Calculator)

Diagram Booklet

**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 BOOKLET MUST BE
RETURNED WITH THE QUESTION
PAPER AT THE END OF THE
EXAMINATION.**

Contents

Page

5 Question 1

6 Question 3

7 Question 5(a)(i)

8 Question 5(b)

9 Question 8

10 Question 9

11 Question 9(a)

12 Question 10

13 Question 11

14 Question 14(a)

15 Question 14(b)

16 Question 15 (NOT accurately drawn)

(continued on the next page)

Turn over

Contents continued.

Page

17 Question 16

18 Question 18

19 Question 19 (NOT accurately drawn)

20 Question 22

21 Question 23 (NOT accurately drawn)

22 Question 25(b)

Spare Copies

23 Question 3

24 Question 5(a)(i)

25 Question 5(b)

26 Question 9(a)

27 Question 11

28 Question 18

Question 1

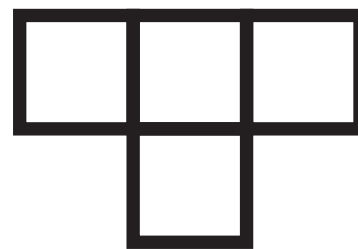
Play	Number of words	Year written
The Taming of the Shrew	21 055	1592
Henry V	26 119	1599
Hamlet	30 557	1602
Macbeth	17 121	1606
Julius Caesar	19 703	1599
King John	20 772	1596

Question 3

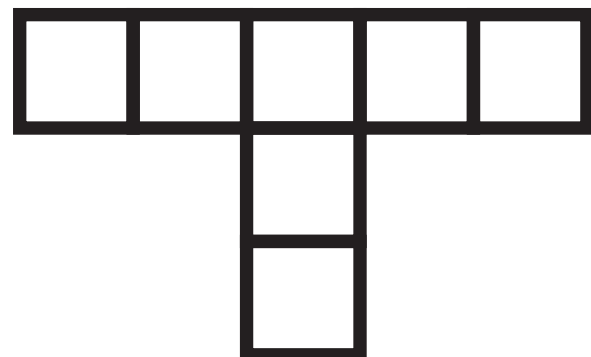
Pattern number 1



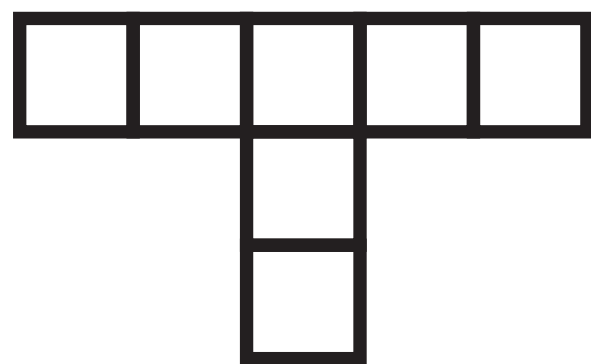
Pattern number 2



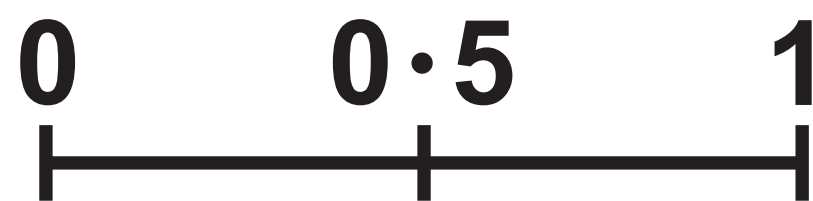
Pattern number 3



**Pattern number 4
(incomplete)**



Question 5(a)(i)



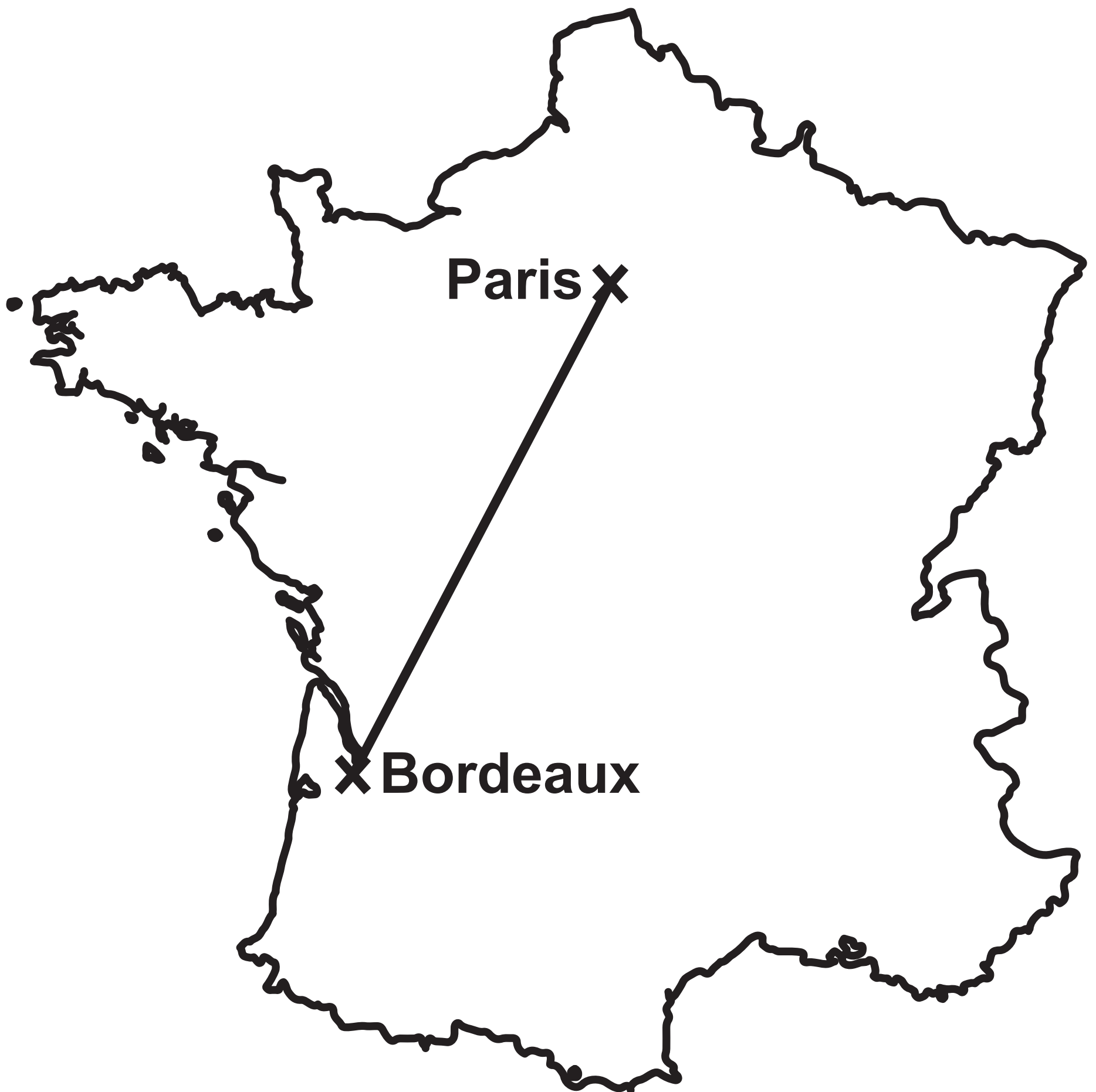
Question 5(b)

arborio	jasmine	basmati
basmati	arborio	wild
jasmine	jasmine	arborio
wild	basmati	jasmine
jasmine	jasmine	basmati
wild	basmati	jasmine
basmati	arborio	

Type of rice	Tally	Frequency
arborio		
basmati		
jasmine		
wild		

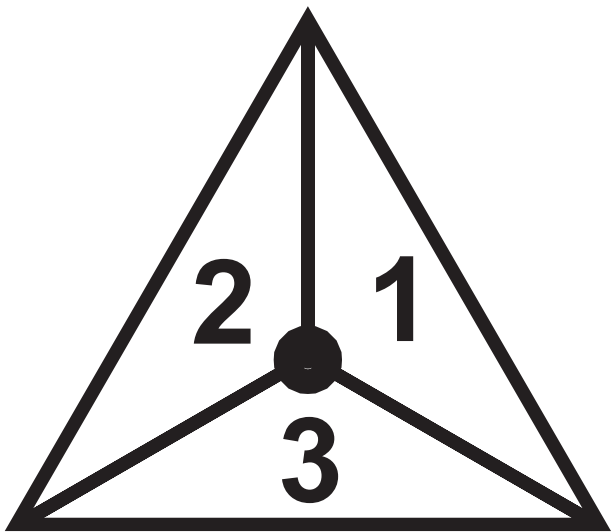
Question 8

Scale: 1 cm represents 40 km

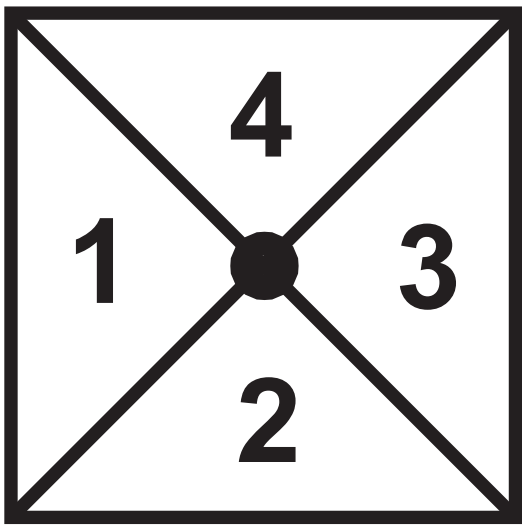


Question 9

Spinner A



Spinner B



Spinner A			
1	2	3	
1	2	3	
2	4		
3			
4			

Spinner B	
1	
2	
3	
4	

Question 10

Carton P

**Total volume of orange squash is
250 millilitres**

**30% of the total volume is
ORANGE JUICE**

and the remainder is water

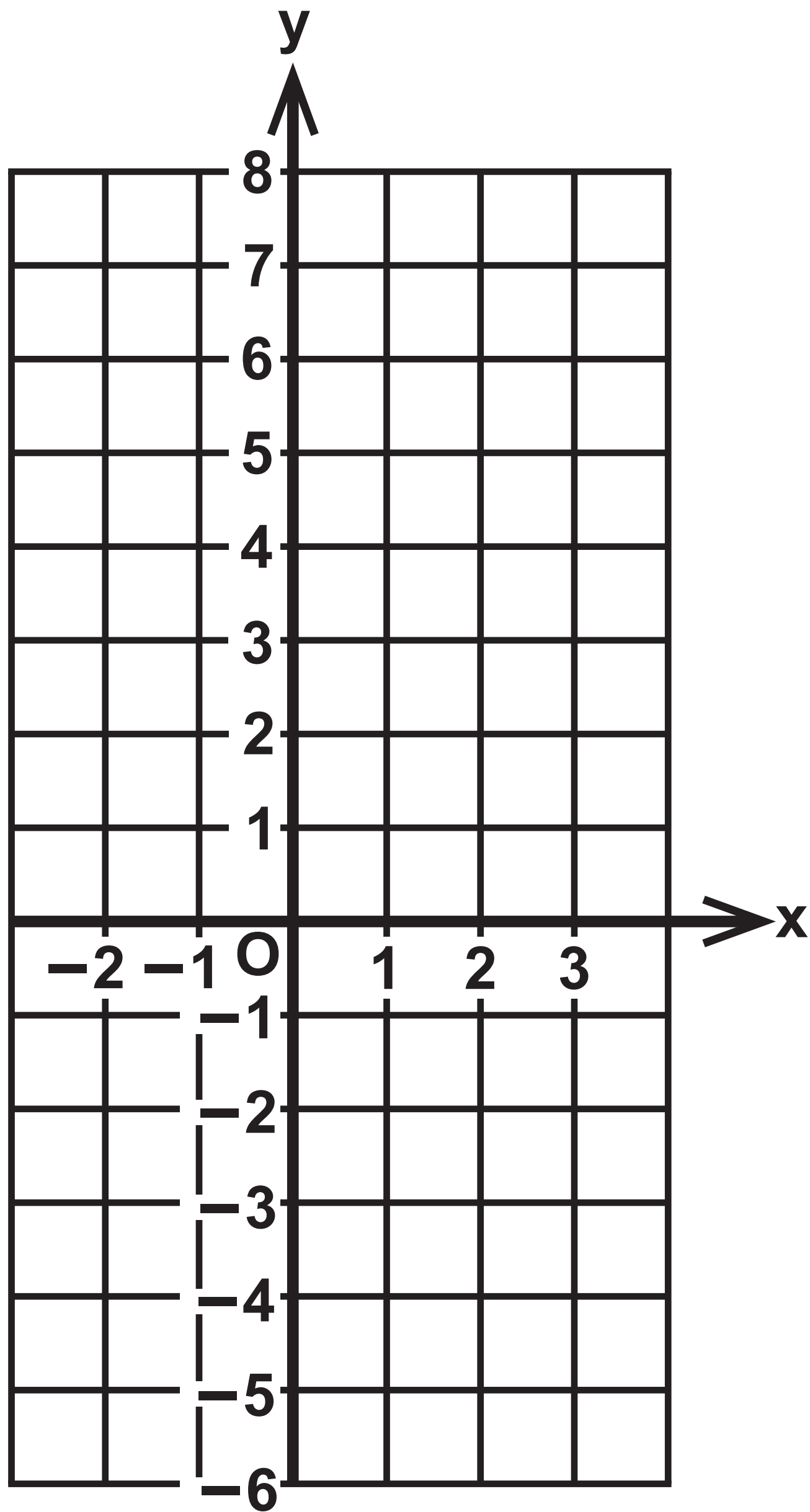
Carton Q

**Total volume of orange squash is
250 millilitres**

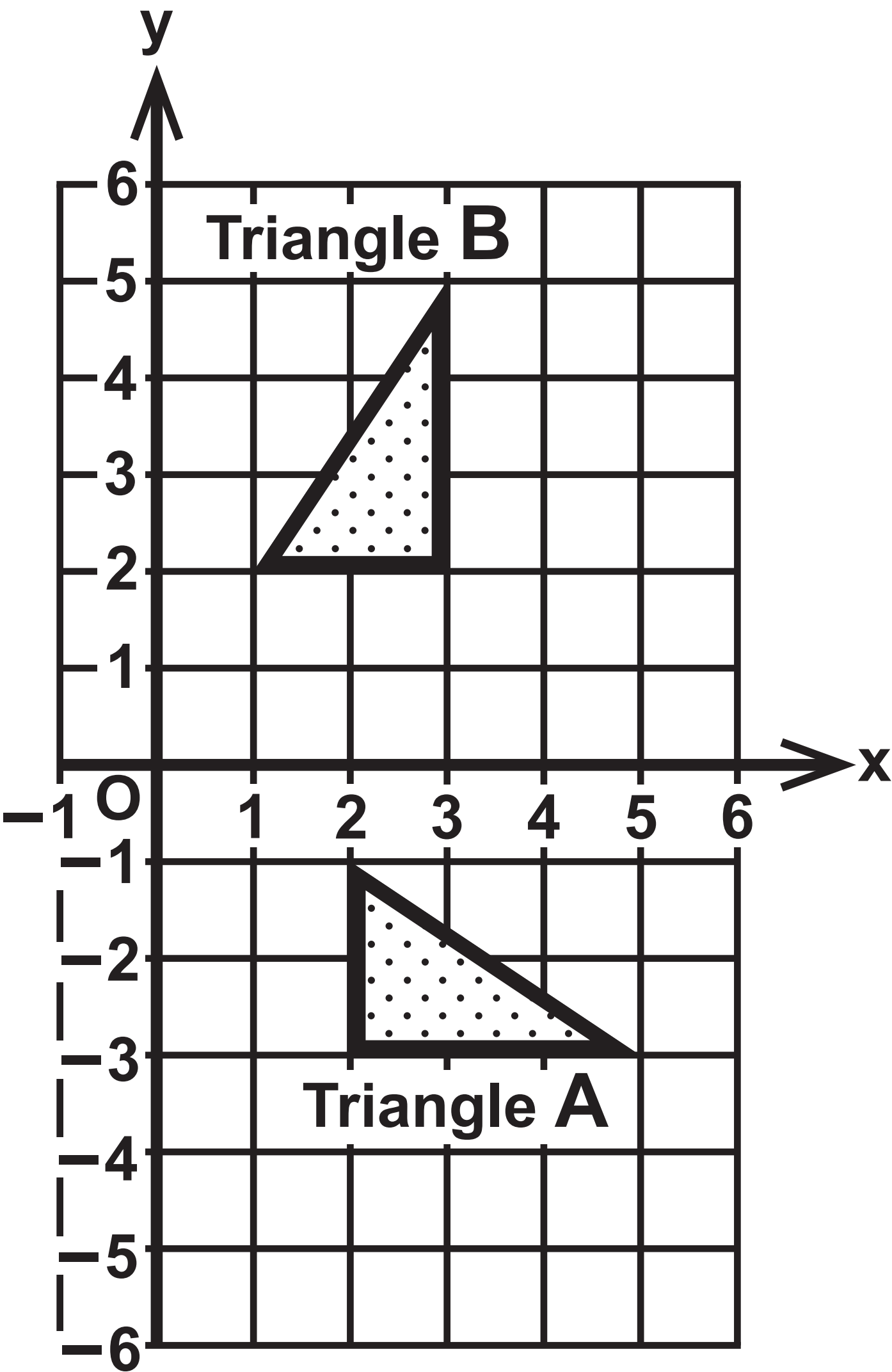
**160 millilitres of the total volume is
WATER**

and the remainder is orange juice

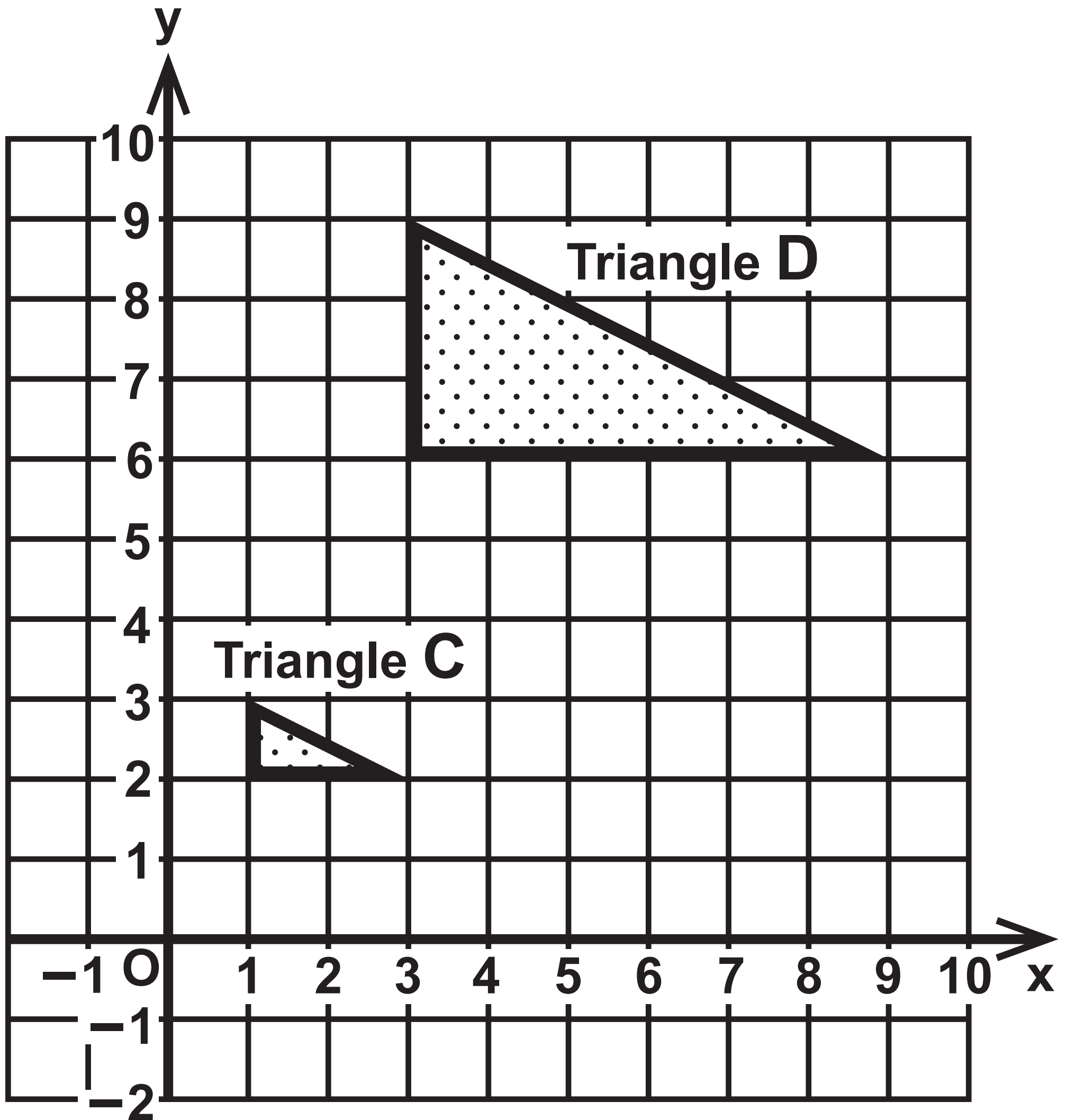
Question 11



Question 14(a)

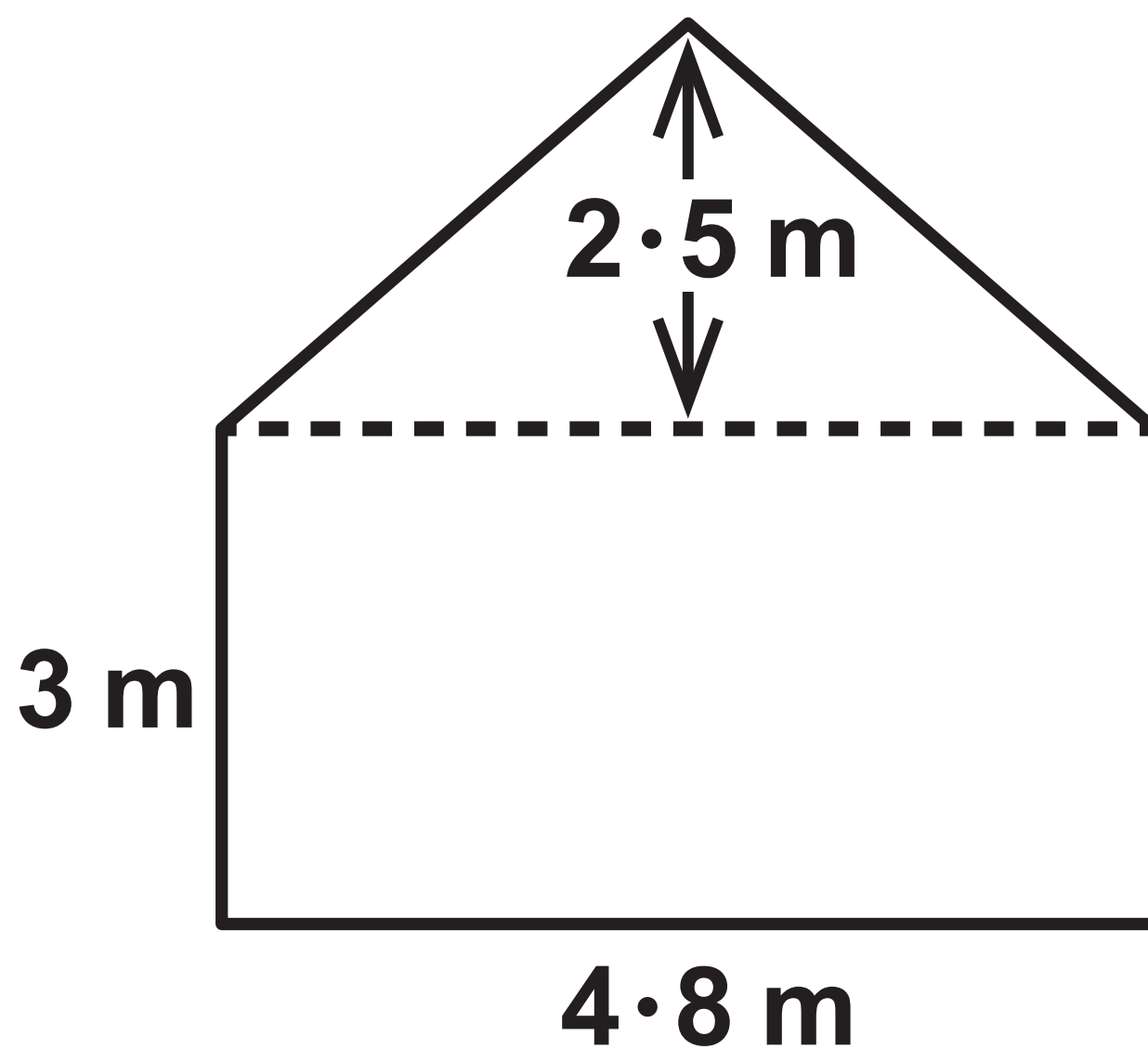


Question 14(b)



Question 15

Diagram NOT accurately drawn



Question 16

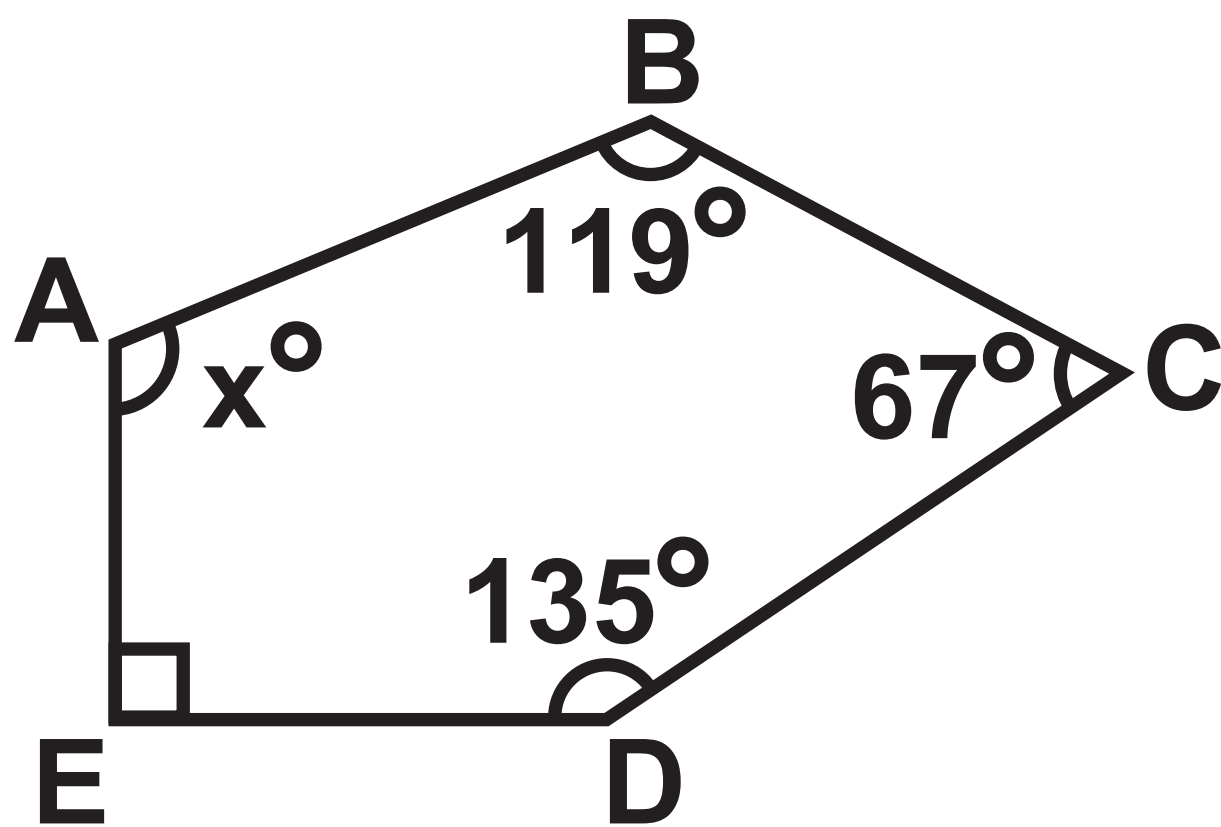
Time (minutes)	Frequency
$0 < m \leq 12$	11
$12 < m \leq 24$	25
$24 < m \leq 36$	23
$36 < m \leq 48$	15
$48 < m \leq 60$	6

Question 18

A ————— B

Question 19

Diagram NOT accurately drawn

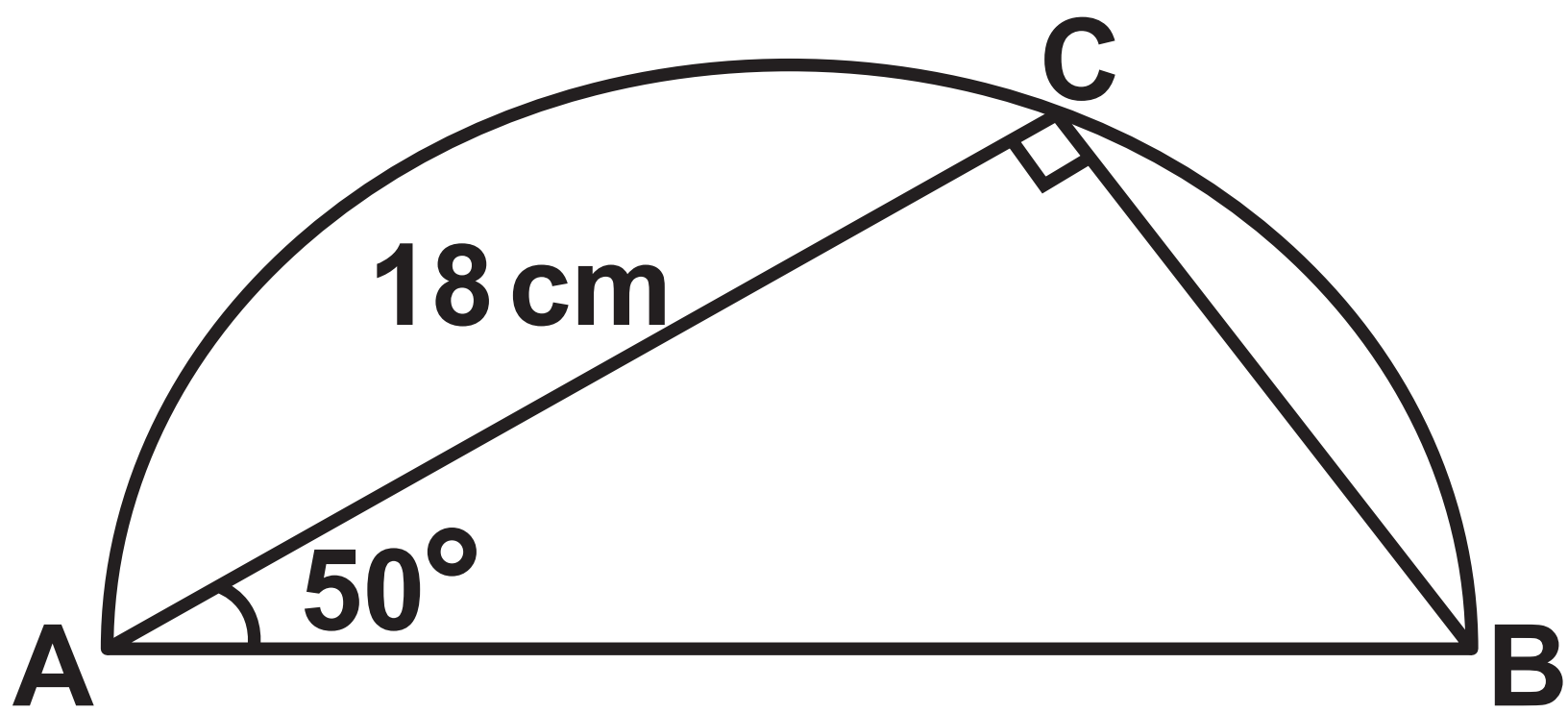


Question 22

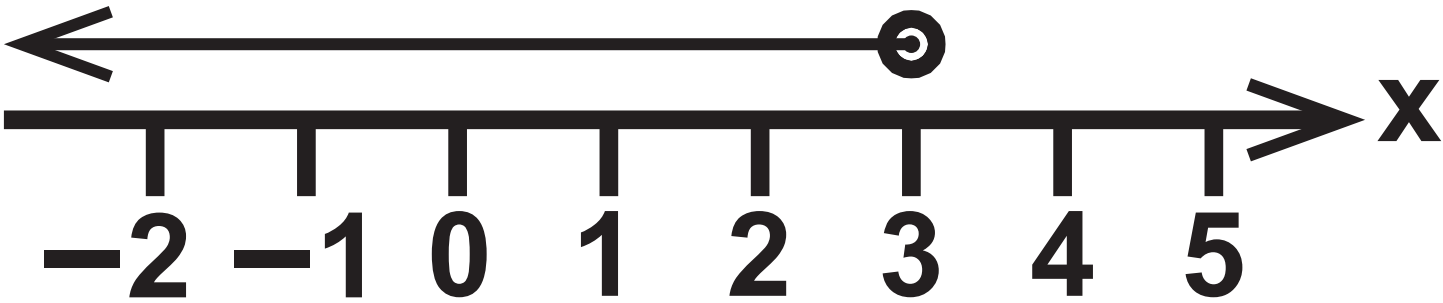
Type of book	Probability
comedy	0.24
romance	0.40
mystery	3x
thriller	x

Question 23

Diagram NOT accurately drawn



Question 25(b)

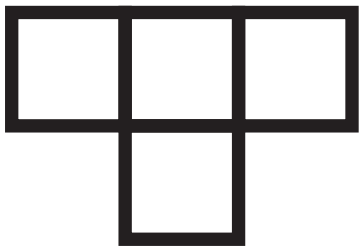


Question 3

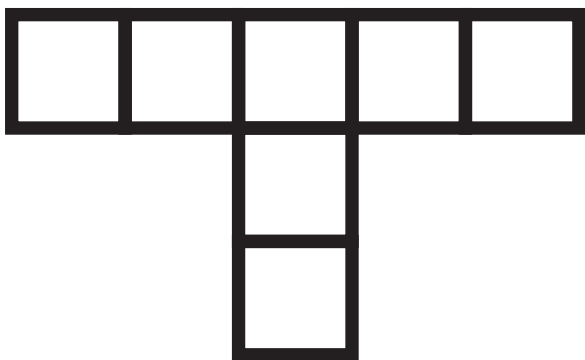
Pattern number 1



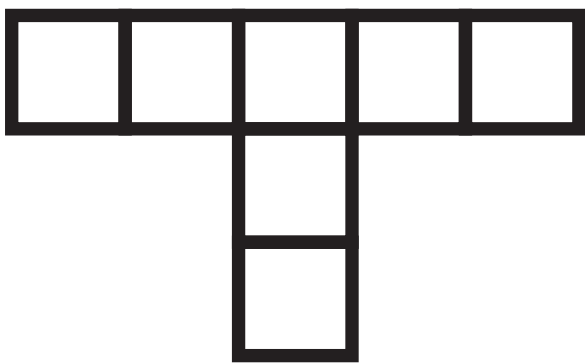
Pattern number 2



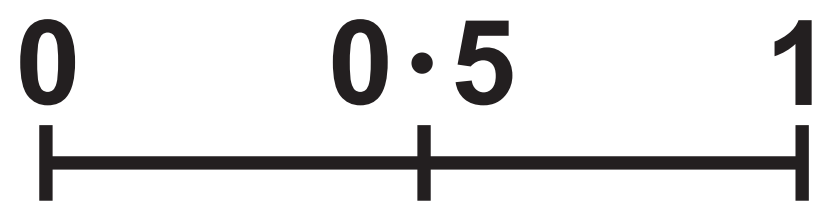
Pattern number 3



Pattern number 4
(incomplete)



Question 5(a)(i)



Question 5(b)

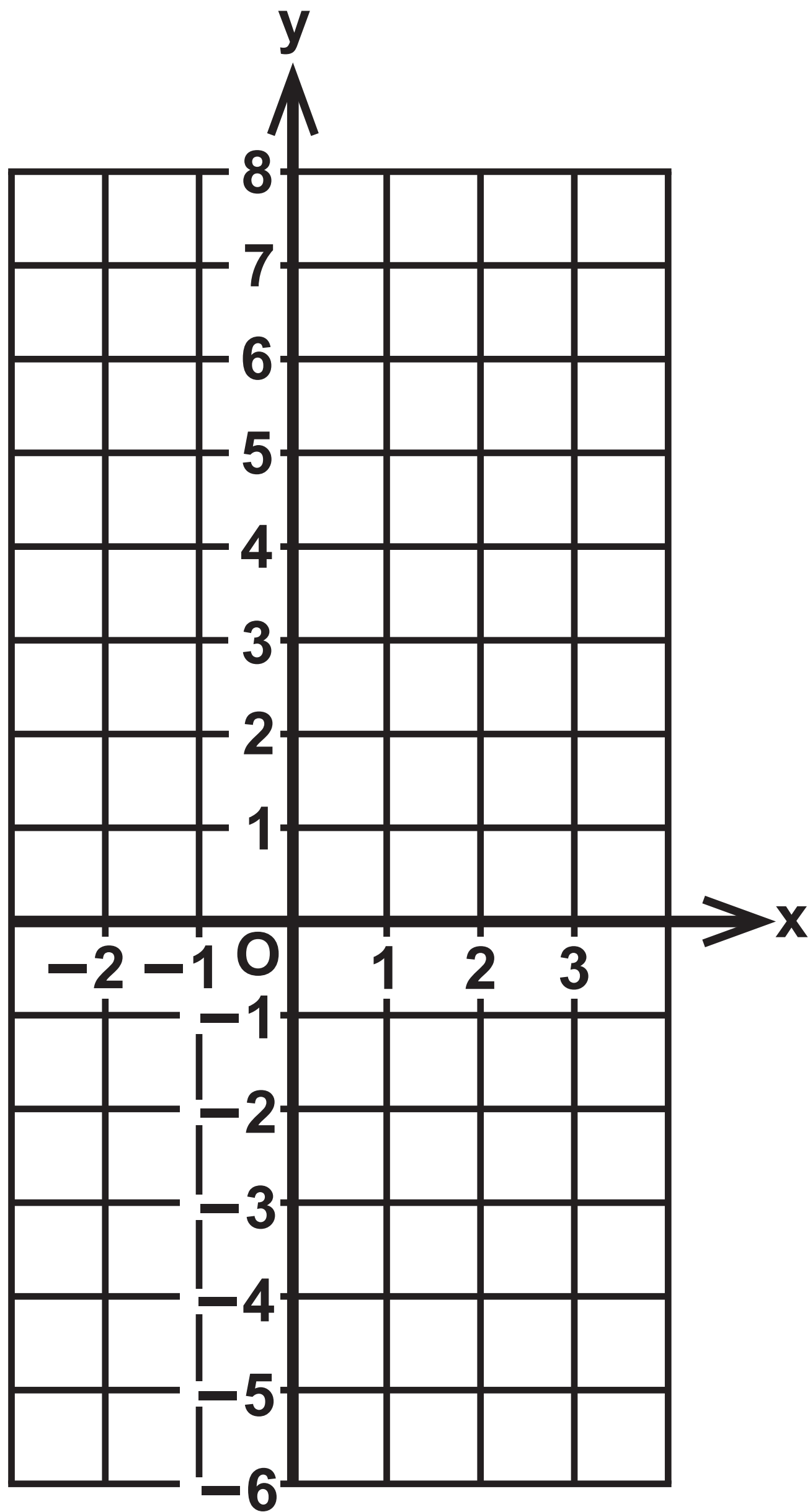
arborio	jasmine	basmati
basmati	arborio	wild
jasmine	jasmine	arborio
wild	basmati	jasmine
jasmine	jasmine	basmati
wild	basmati	jasmine
basmati	arborio	

Type of rice	Tally	Frequency
arborio		
basmati		
jasmine		
wild		

Spinner A			
1	2	3	
1	2	3	
2	4		
3			
4			

Spinner B	
1	
2	
3	
4	

Question 11



Question 18

A ————— B