

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.**

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## Question 1

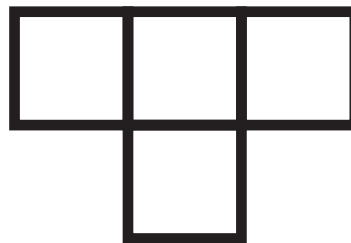
<b>Play</b>	<b>Number of words</b>	<b>Year written</b>
<b>The Taming of the Shrew</b>	<b>21 055</b>	<b>1592</b>
<b>Henry V</b>	<b>26 119</b>	<b>1599</b>
<b>Hamlet</b>	<b>30 557</b>	<b>1602</b>
<b>Macbeth</b>	<b>17 121</b>	<b>1606</b>
<b>Julius Caesar</b>	<b>19 703</b>	<b>1599</b>
<b>King John</b>	<b>20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

### Question 3

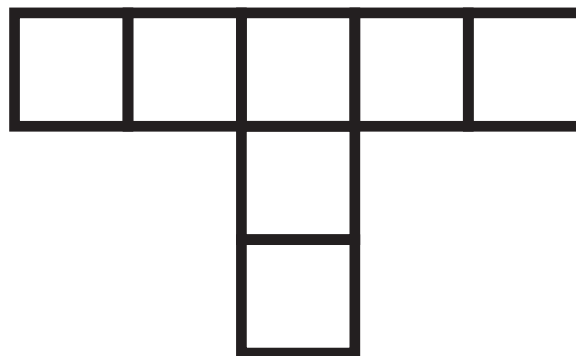
**Pattern number 1**



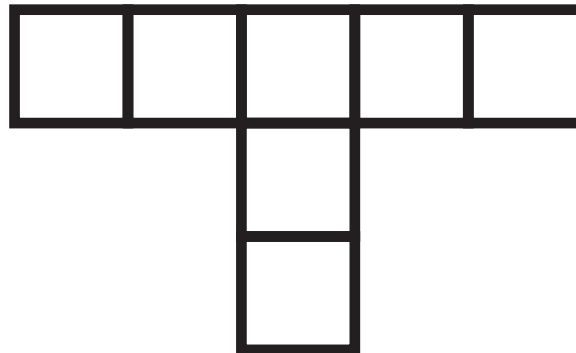
**Pattern number 2**



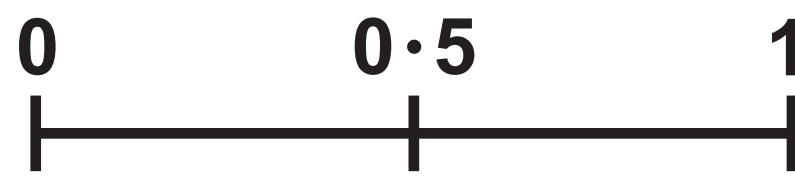
**Pattern number 3**



**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		



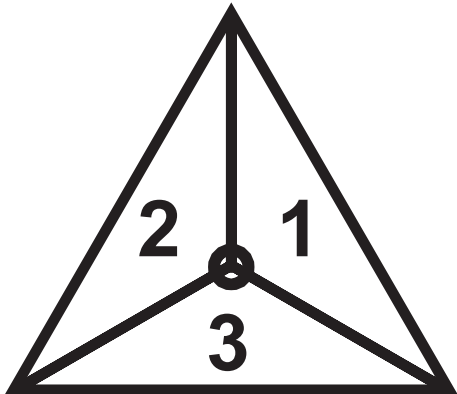
## Question 8

Scale: 1 cm represents 40 km

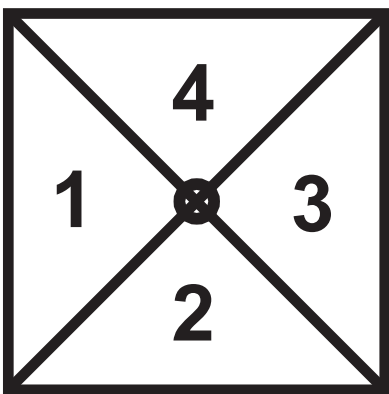


Question 9

Spinner A



Spinner B



Question 9(a)

		Spinner A		
		1	2	3
Spinner B	1	1	2	3
	2	2	4	
	3	3		
	4	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**

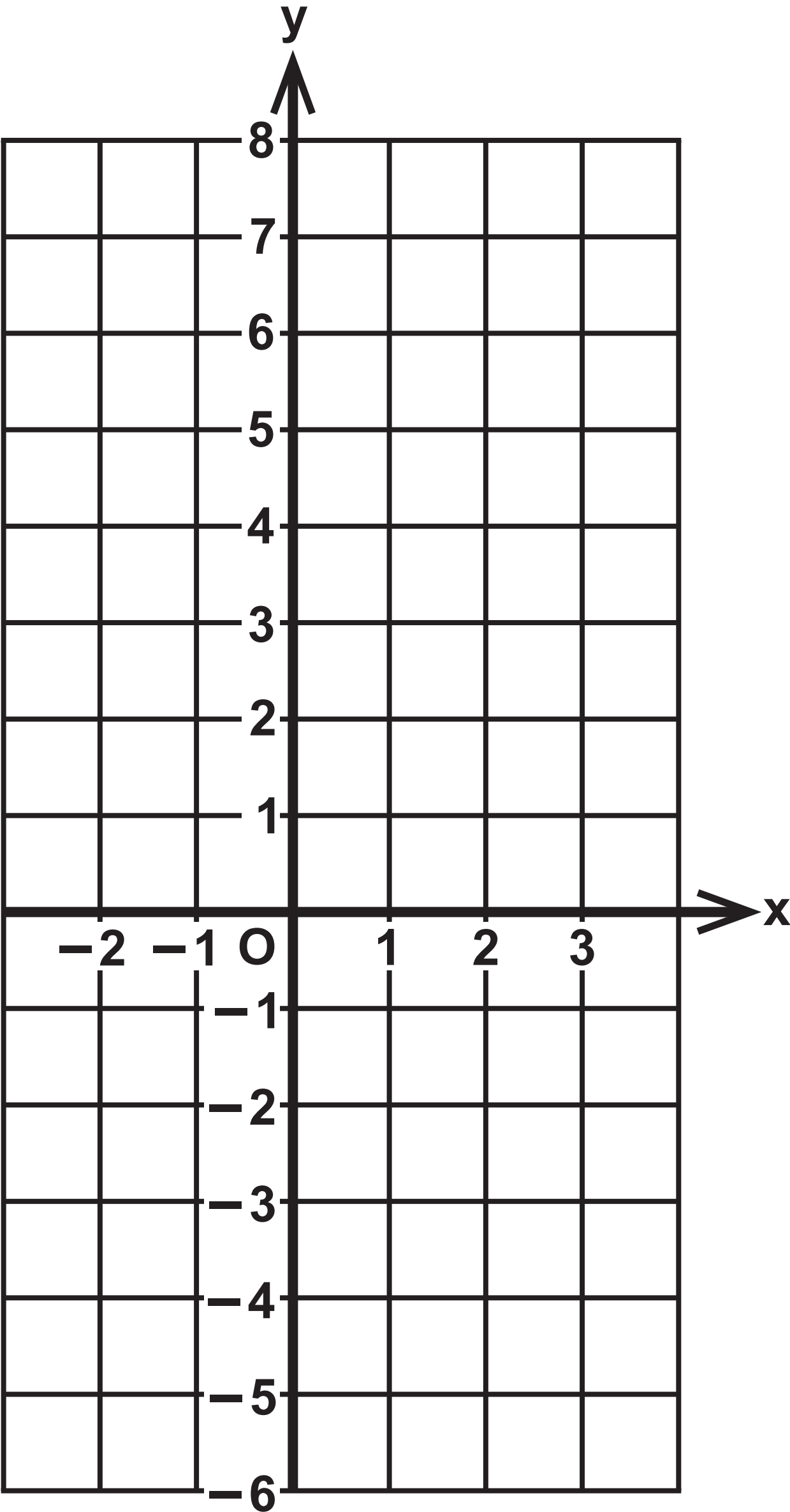
**Carton Q**

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

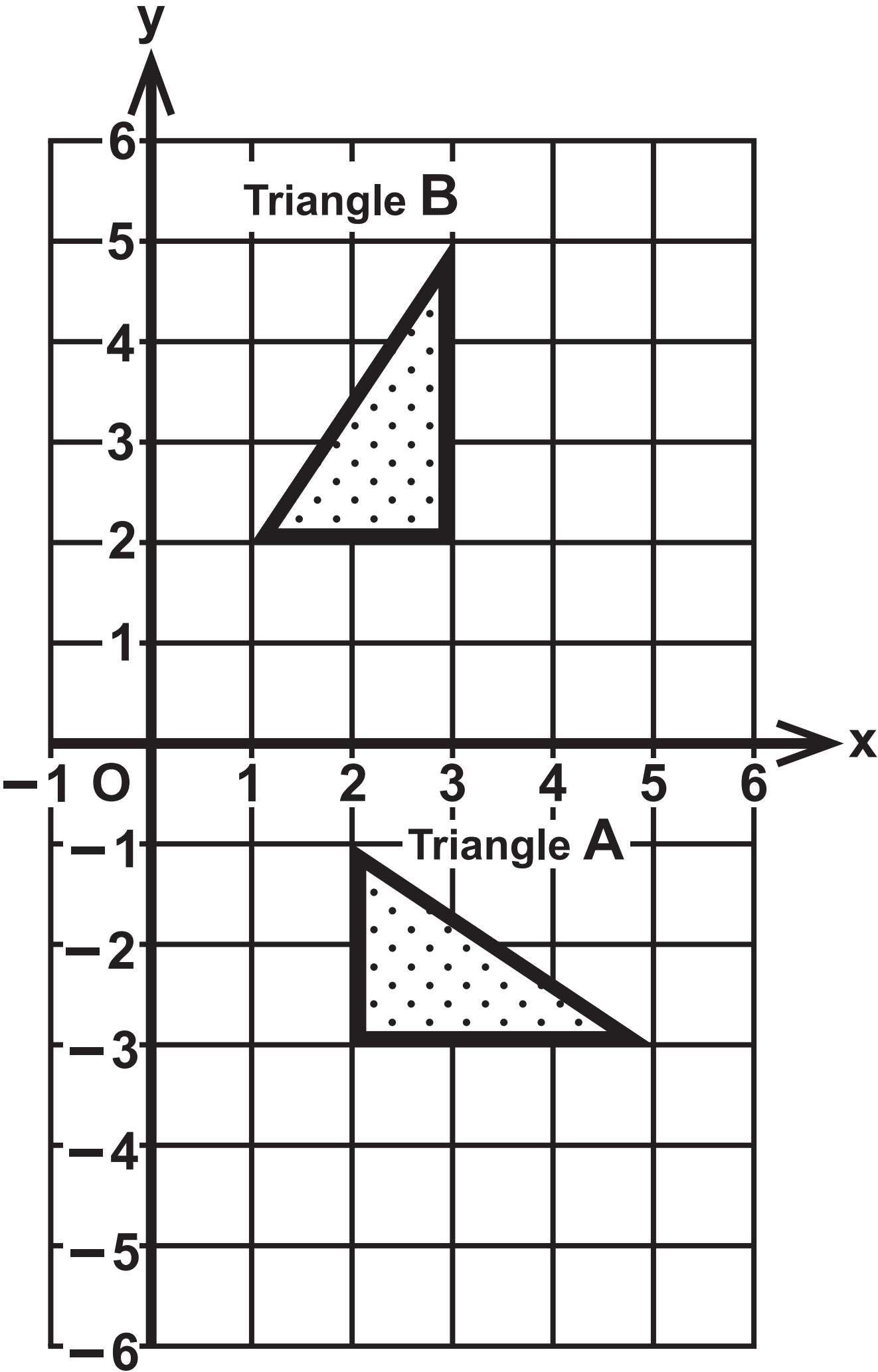
**160 millilitres of the total volume is WATER**

**and the remainder is orange juice**

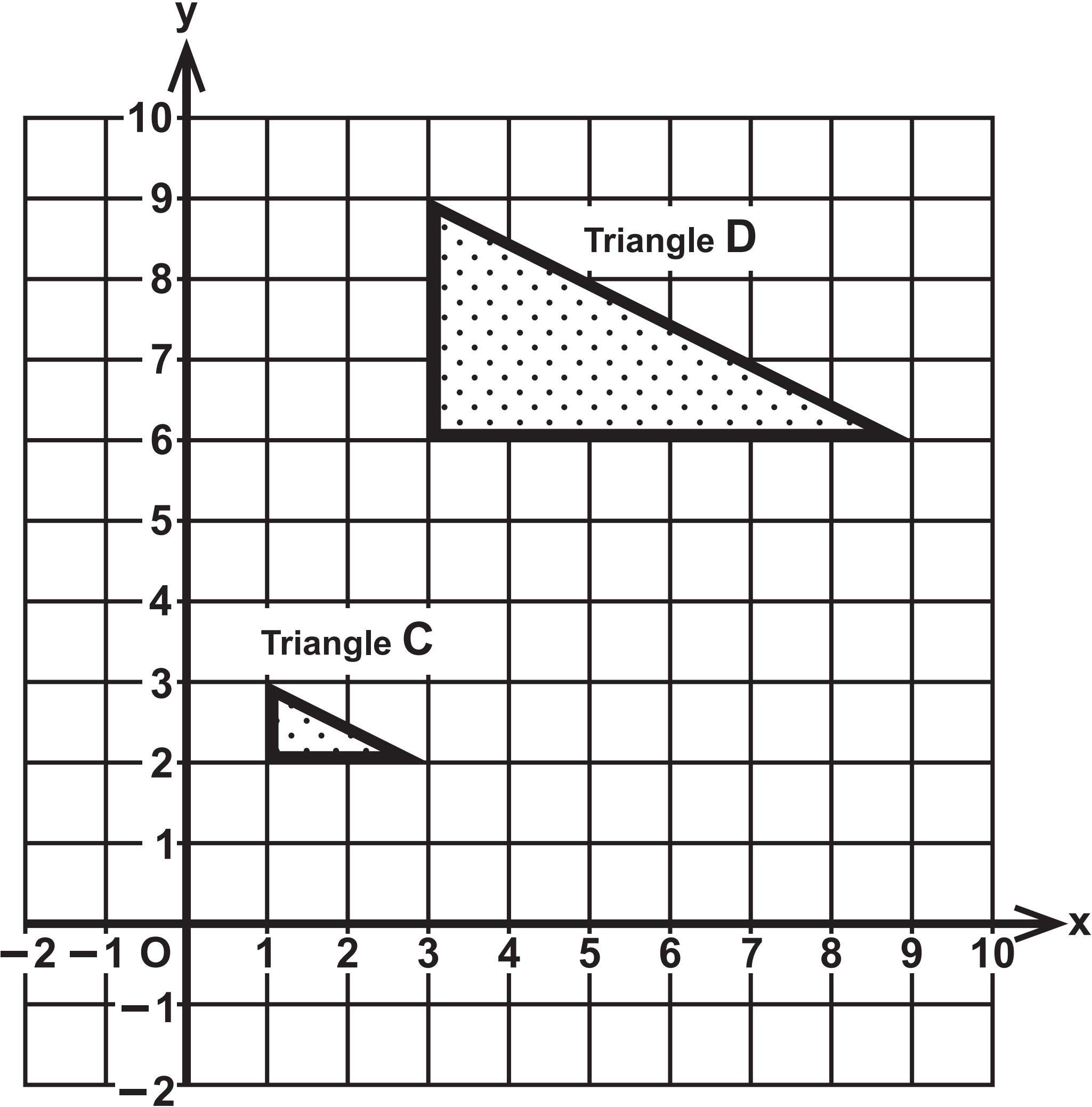
Question 11



Question 14(a)

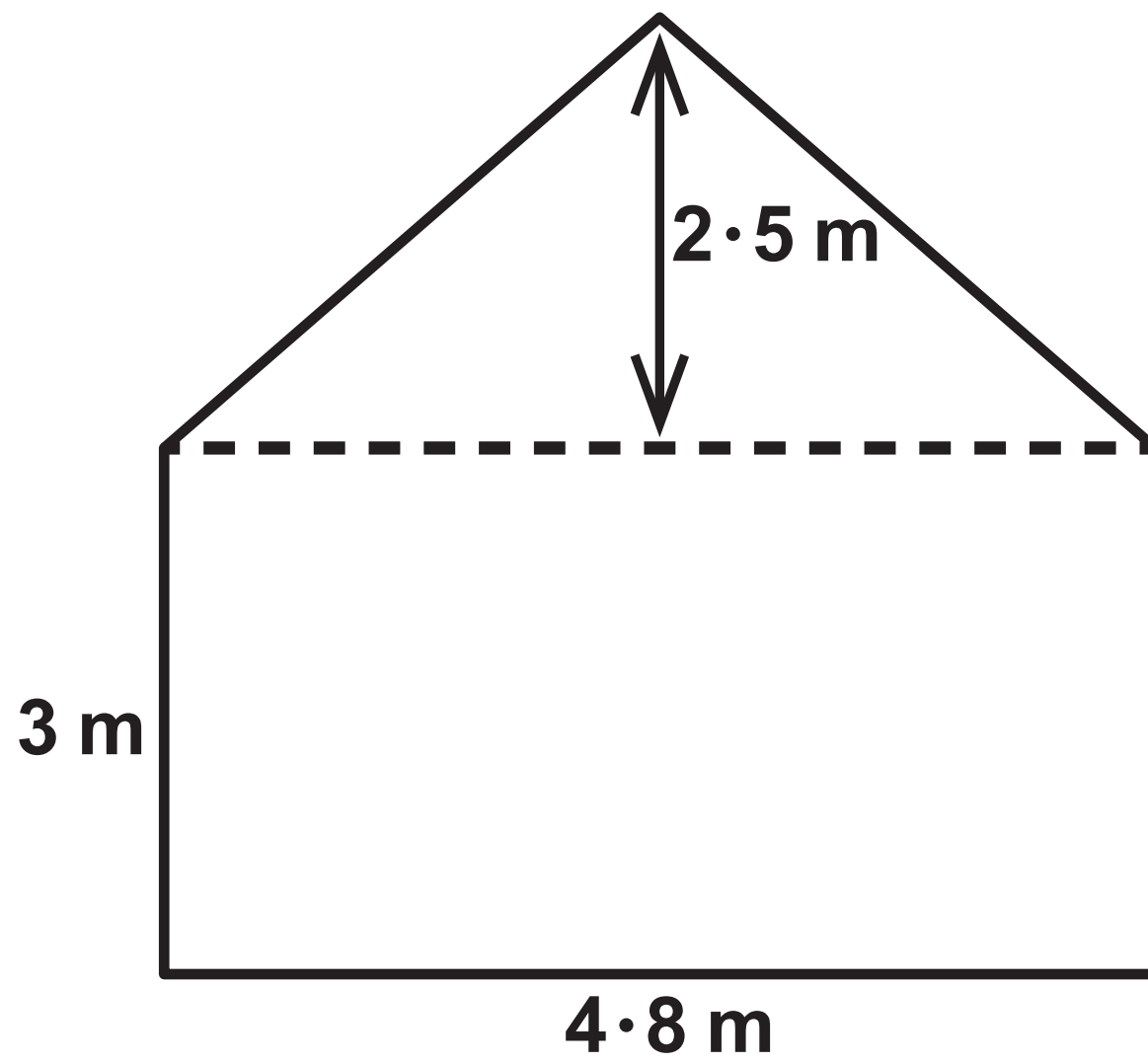


Question 14(b)



Question 15

Diagram NOT accurately drawn





Question 16

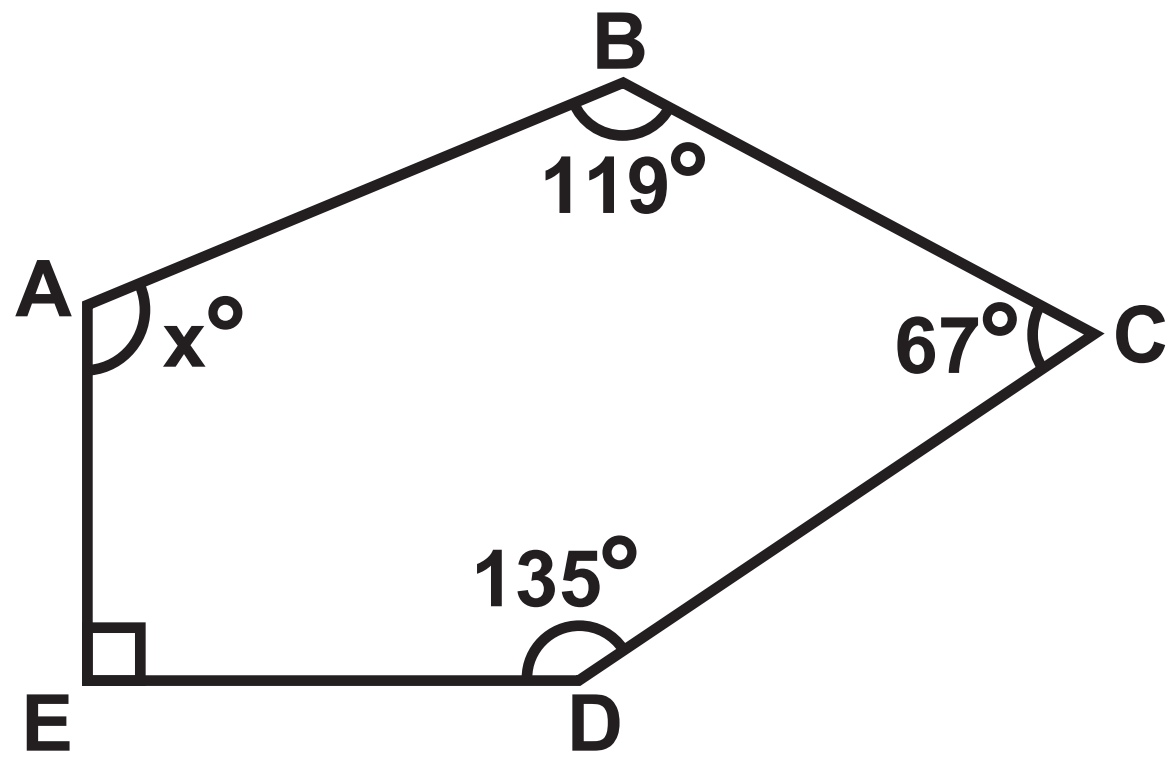
Time (minutes)	Frequency
$0 < m \leq 12$	11
$12 < m \leq 24$	25
$24 < m \leq 36$	23
$36 < m \leq 48$	15
$48 < m \leq 60$	6

Question 18



Question 19

Diagram NOT accurately drawn

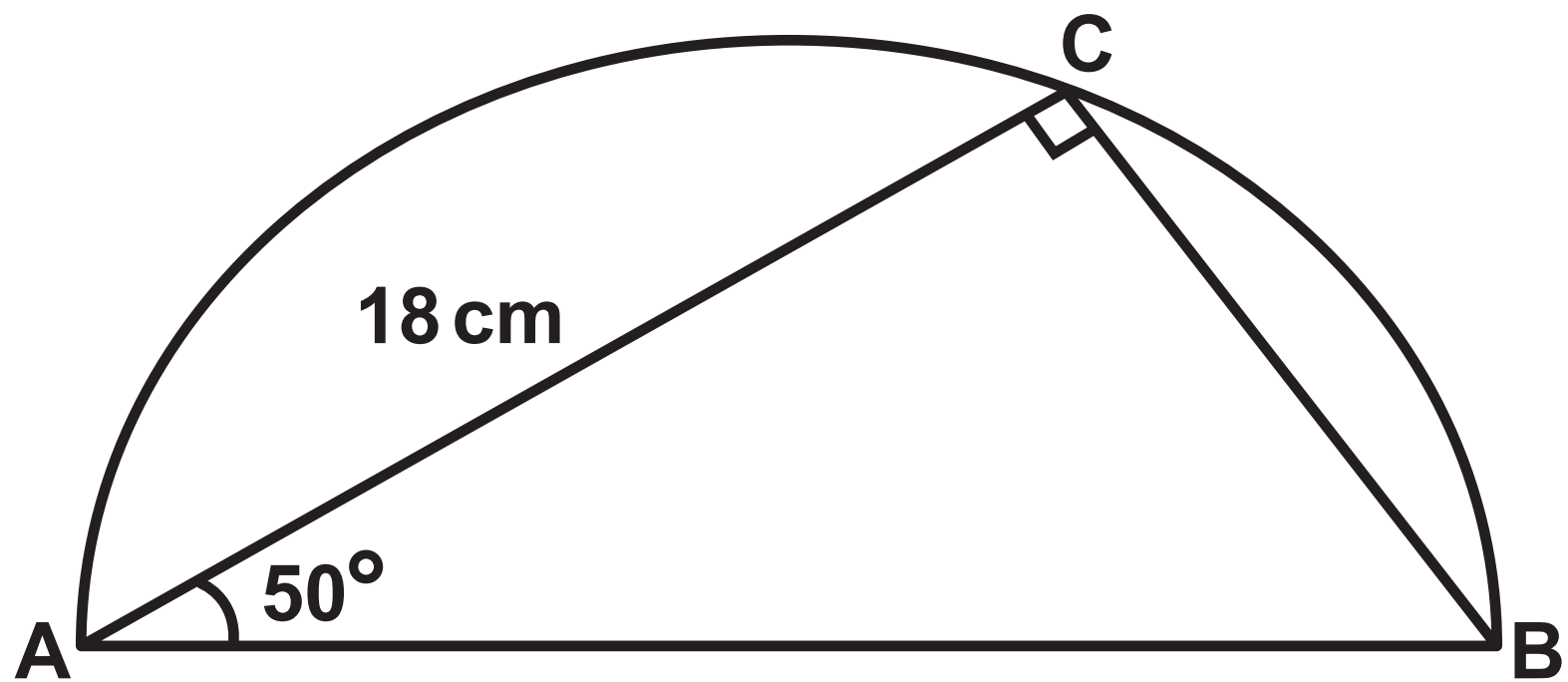


Question 22

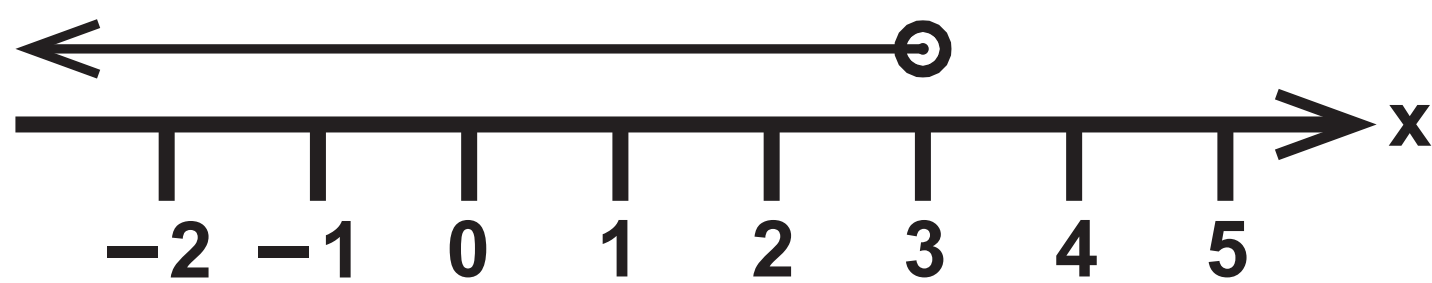
Type of book	Probability
comedy	0.24
romance	0.40
mystery	3x
thriller	x

## Question 23

Diagram NOT accurately drawn



Question 25(b)

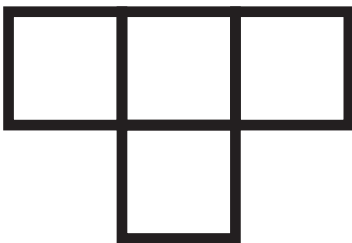


Question 3

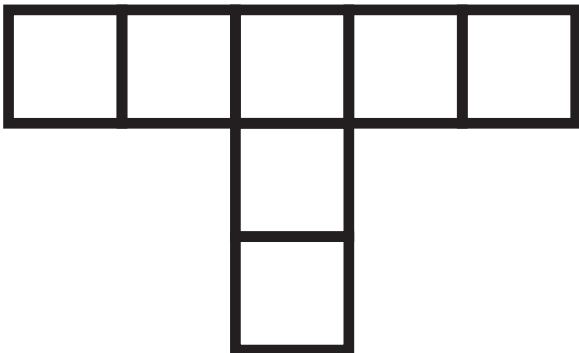
Pattern number 1



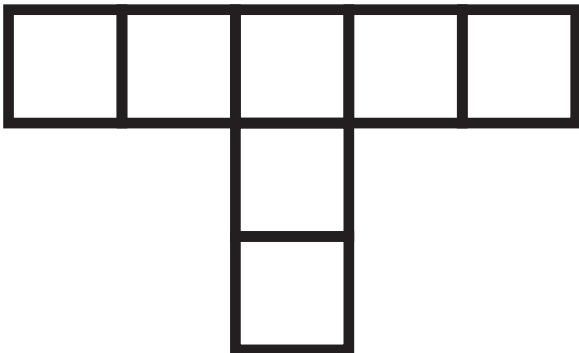
Pattern number 2



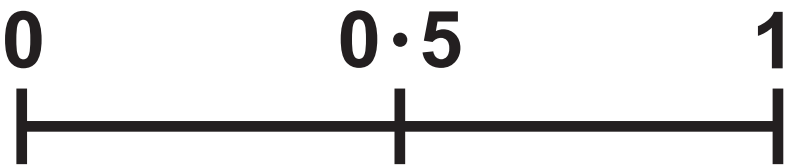
Pattern number 3



Pattern number 4  
(incomplete)



Question 5(a)(i)





Question 5(b)

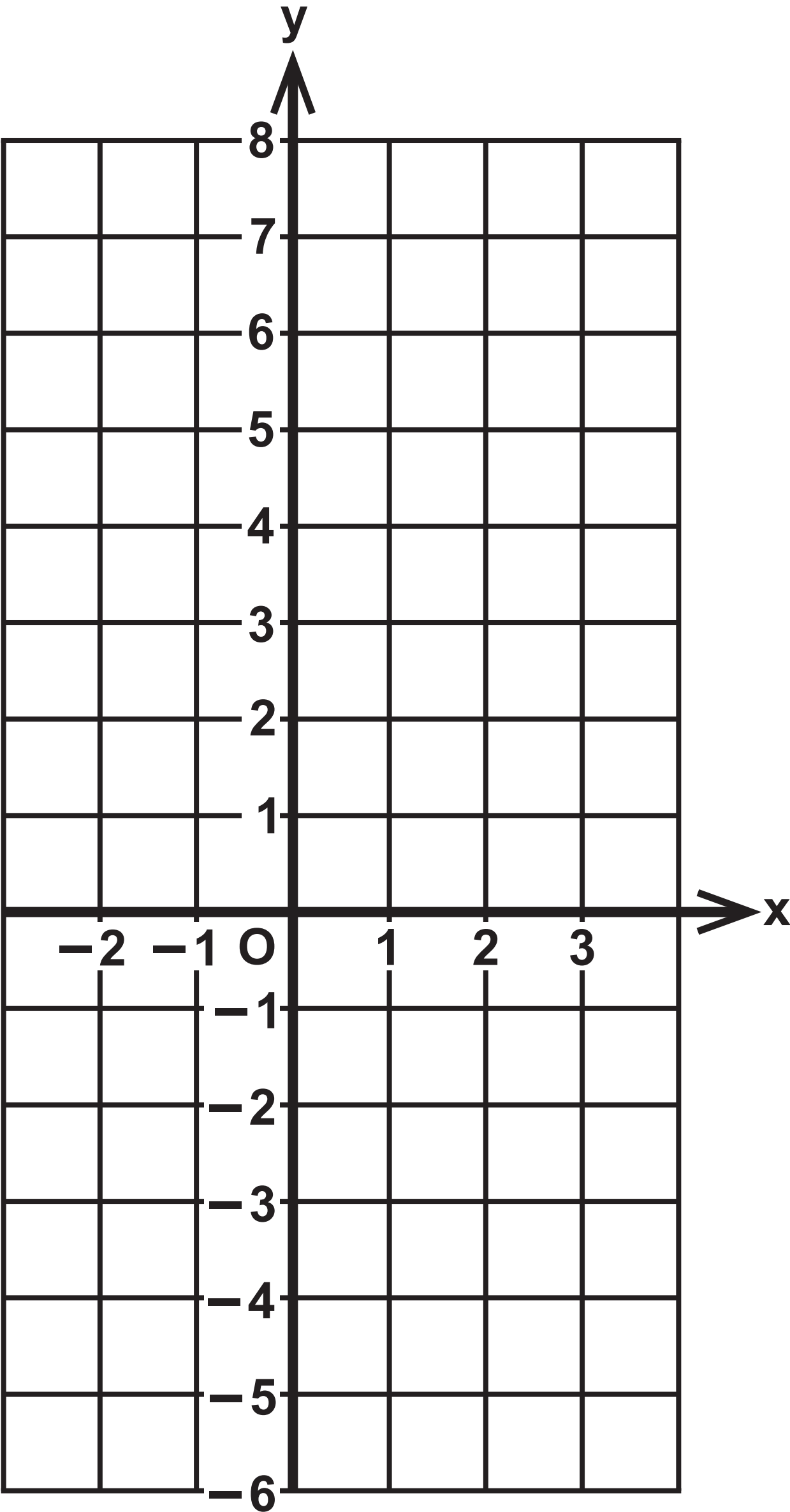
arborio	jasmine	basmati
basmati	arborio	wild
jasmine	jasmine	arborio
wild	basmati	jasmine
jasmine	jasmine	basmati
wild	basmati	jasmine
basmati	arborio	

Type of rice	Tally	Frequency
arborio		
basmati		
jasmine		
wild		

Question 9(a)

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

Question 11



Question 18

