

Paper Reference 4MA1/2FR  
Pearson Edexcel  
International GCSE

Mathematics A  
Level 1/2  
Paper 2FR  
(Calculator)  
Foundation Tier

Thursday 6 June 2019 – 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.**

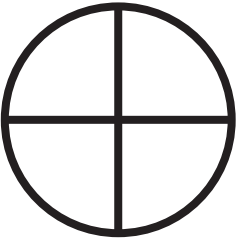
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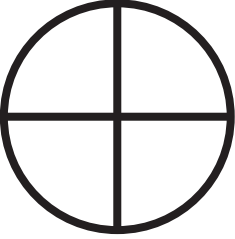
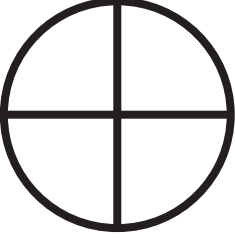
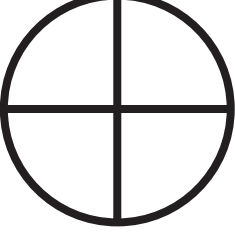
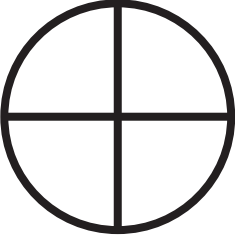
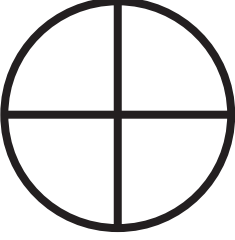

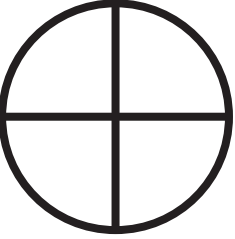
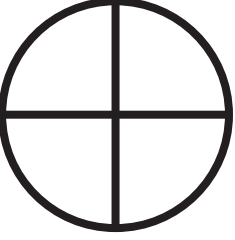
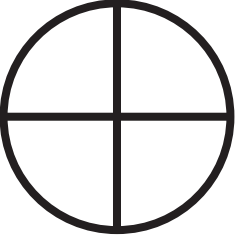
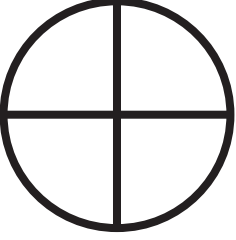
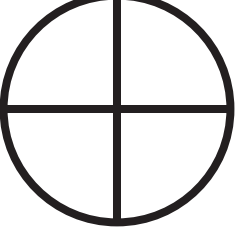

Question 1

City	Distance (km)
Rio de Janeiro	9280
New York	5567
Manila	10 734
Sydney	16 983
Kolkata	7962

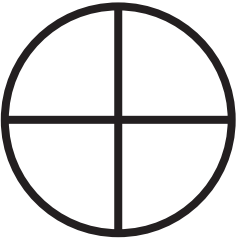
Question 2



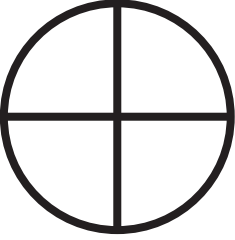
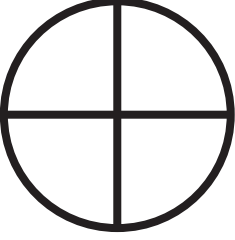
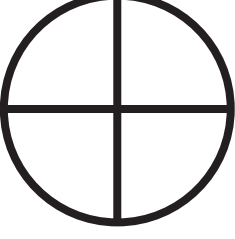
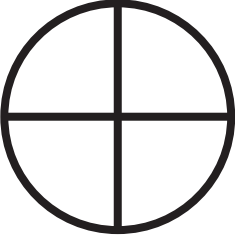
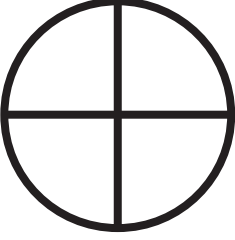

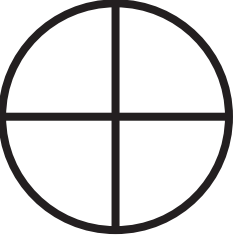
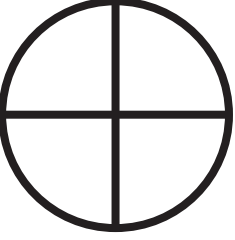
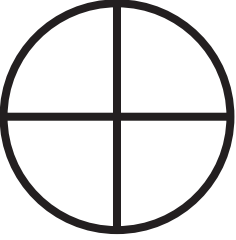
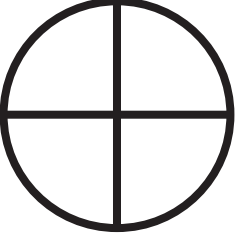
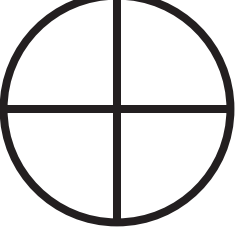

represents  
8 naan  
breads

Wednesday	  	
Thursday	  	
Friday	 	
Saturday	   	
Sunday		

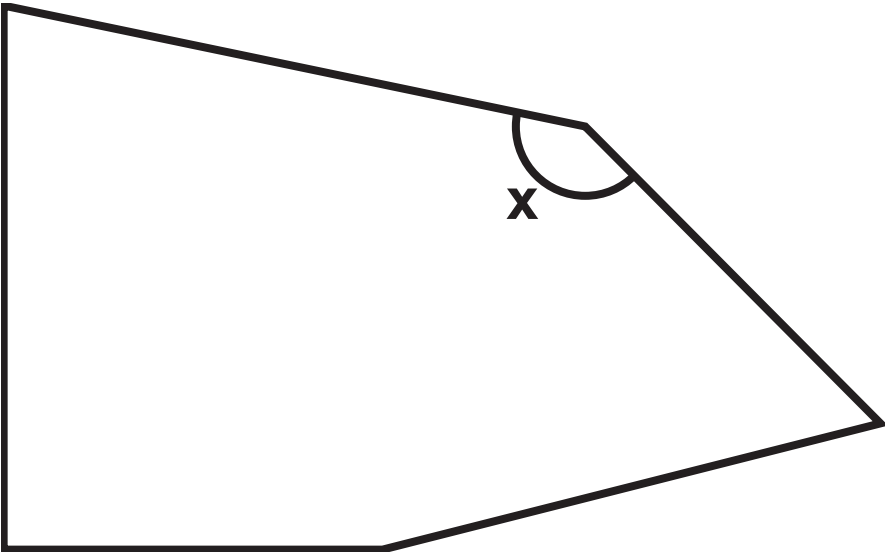
Question 2



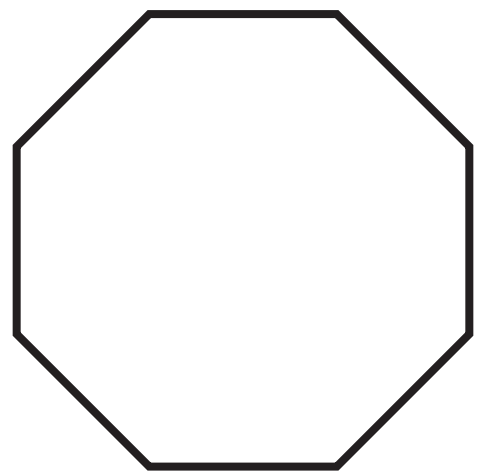
represents  
8 naan  
breads

Wednesday	  	
Thursday	  	
Friday	 	
Saturday	   	
Sunday		

Question 3

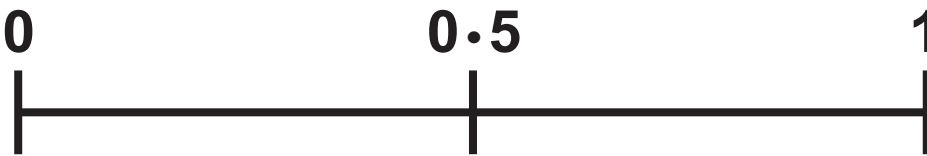


Question 3(b)





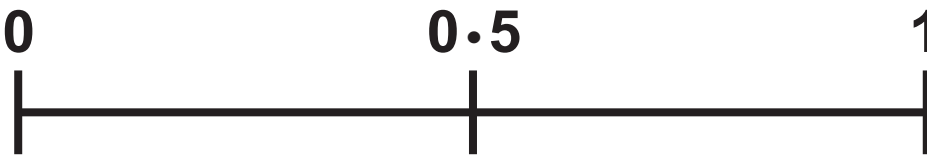
Question 4(a)



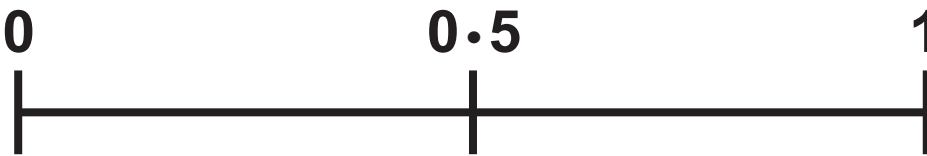
## Question 4(a)



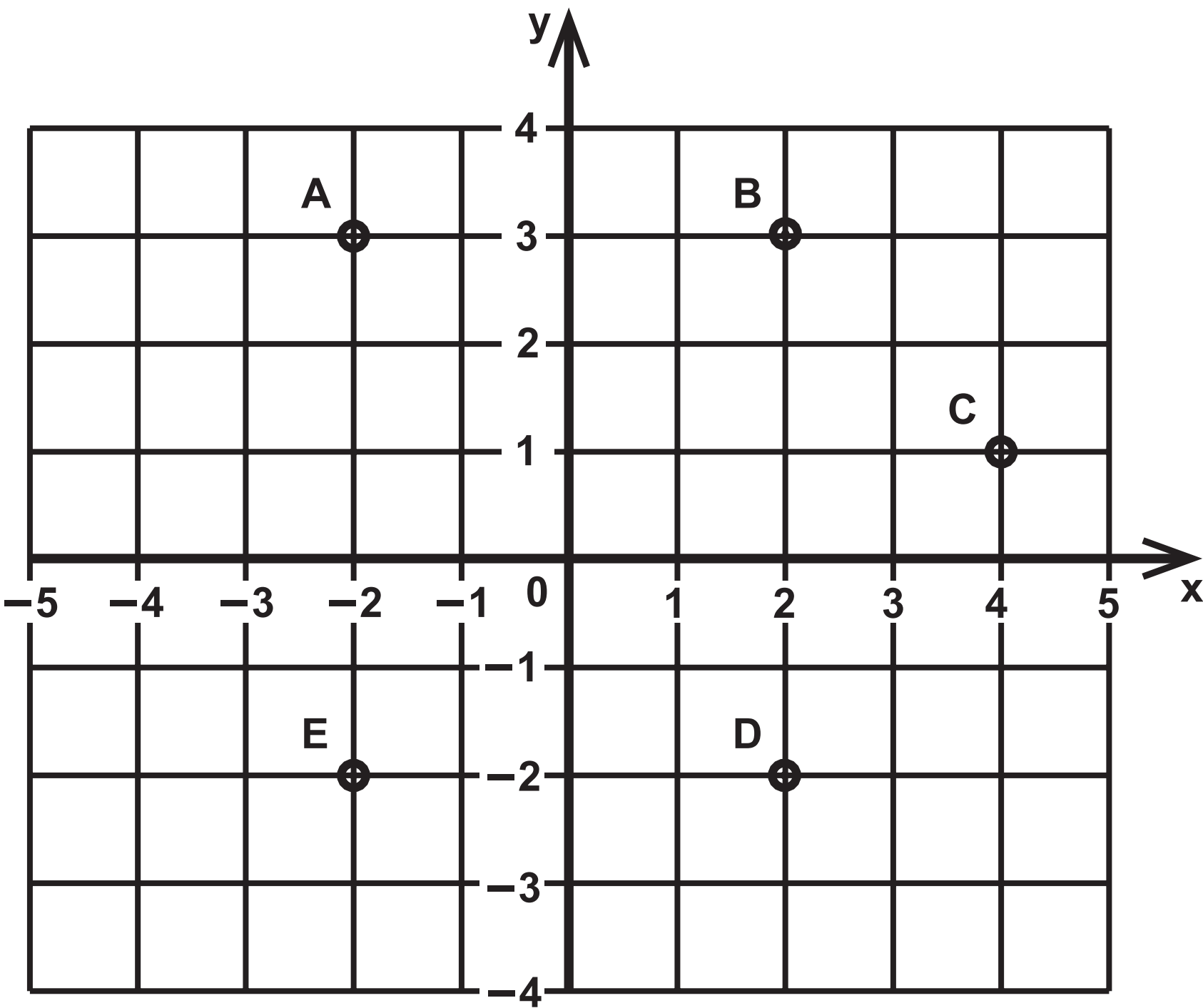
Question 4(b)



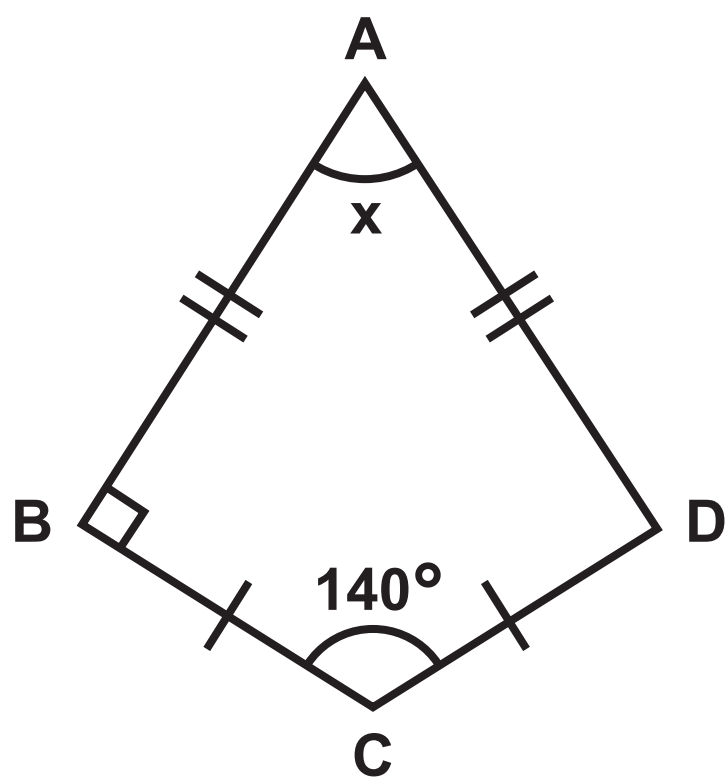
Question 4(b)



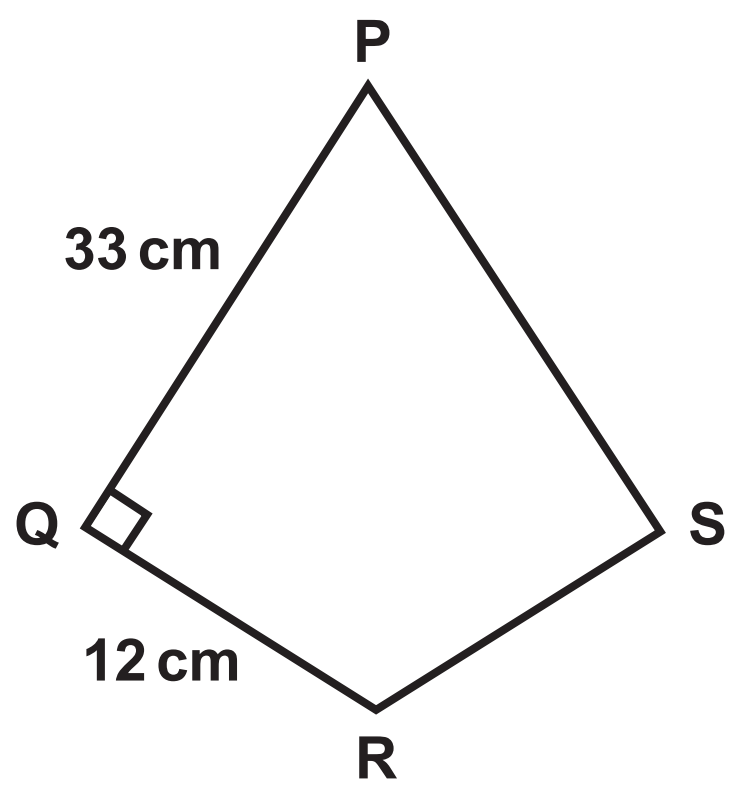
Question 7



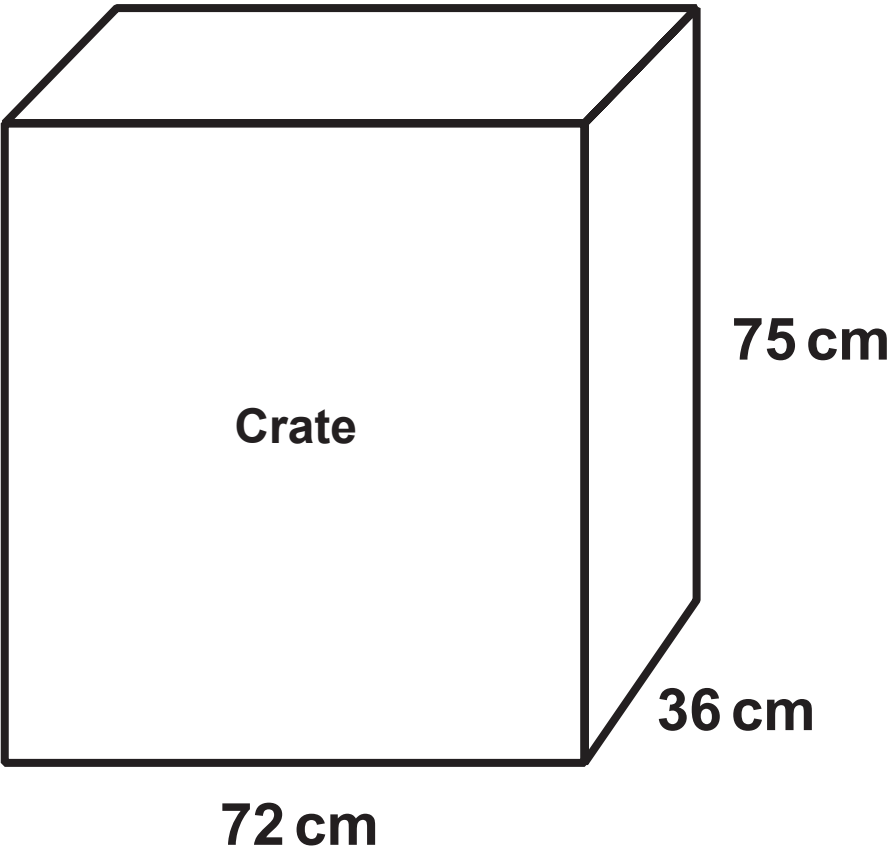
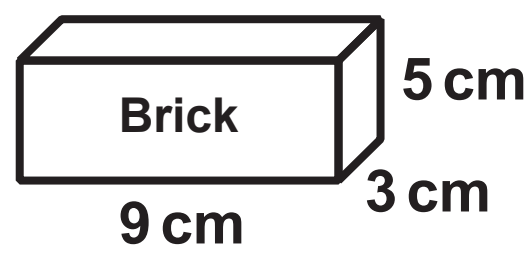
## Question 10(a)



## Question 10(b)



Question 11





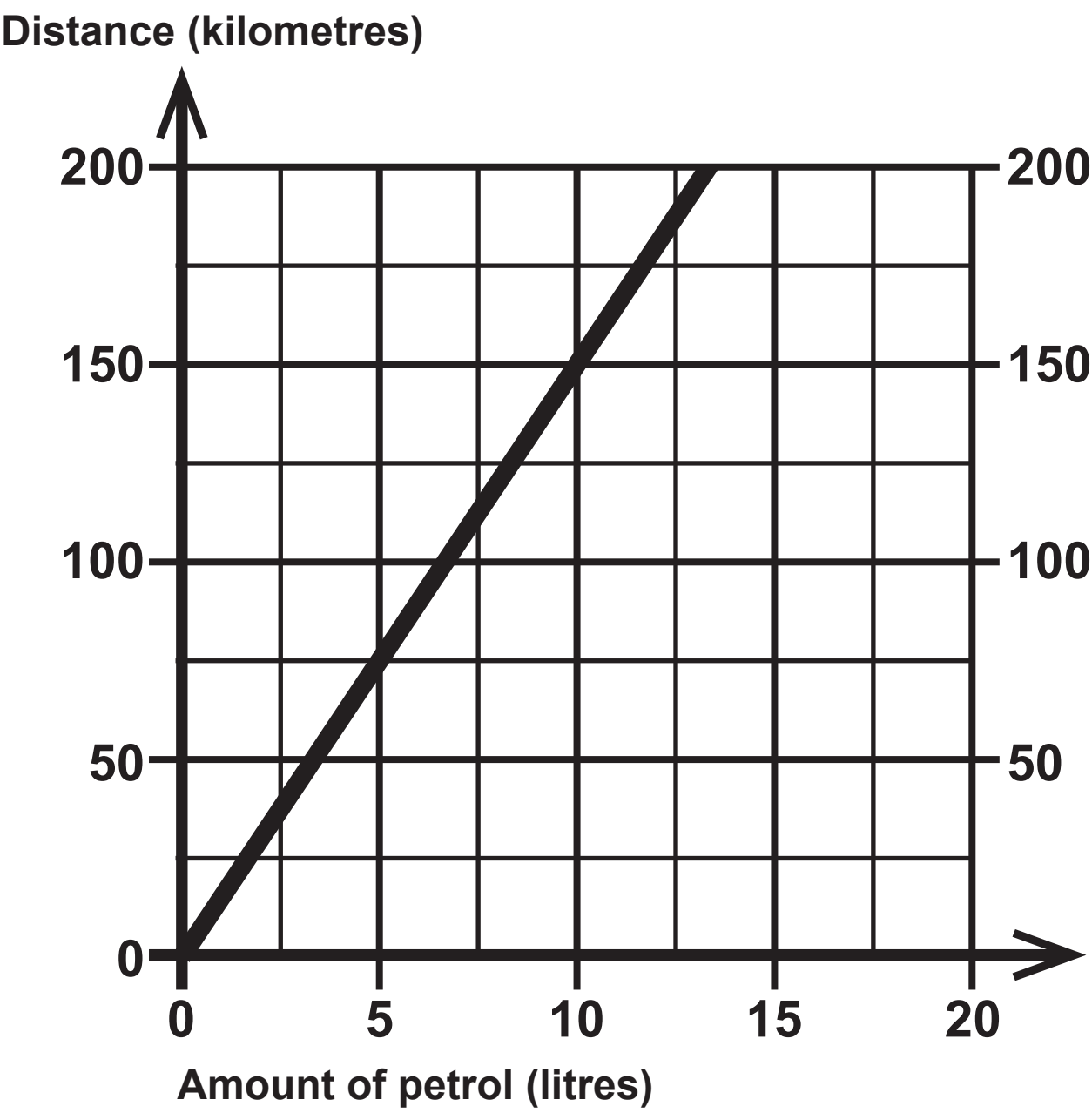
Question 12

Number of matches	Frequency
21	13
22	8
23	8
24	6
25	5

Question 14

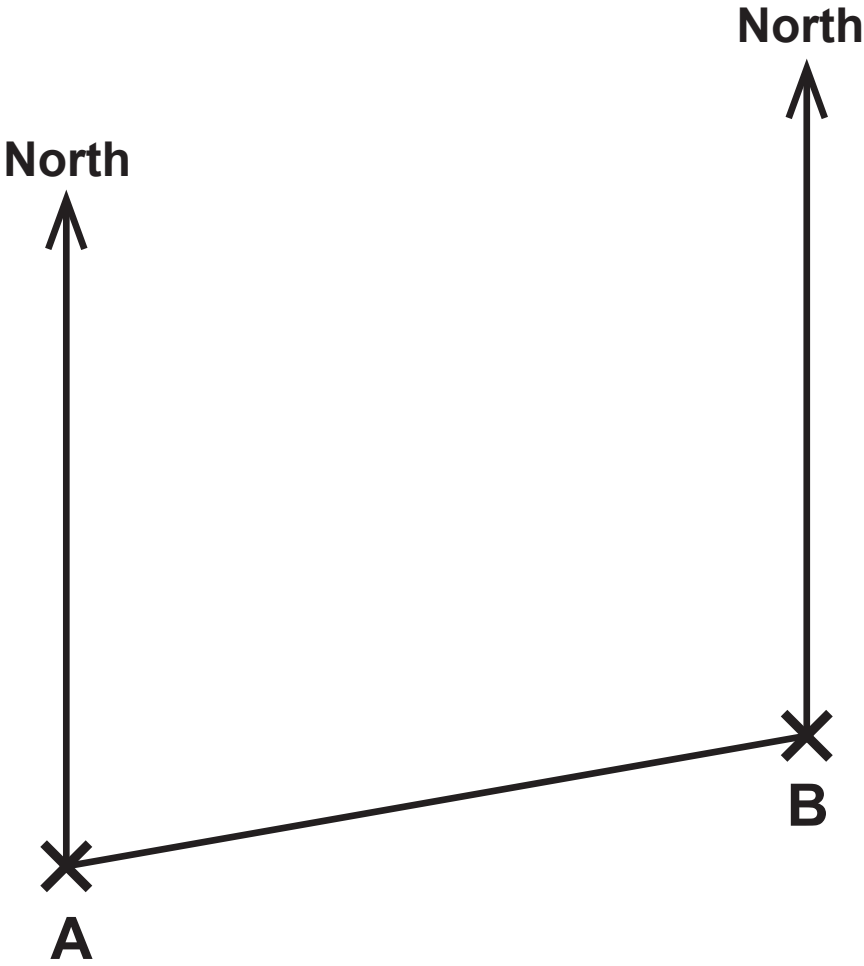
<b>Blackcurrent pies</b>
<b>Ingredients for 6 pies</b>
<b>150 grams flour</b>
<b>420 grams blackcurrants</b>
<b>170 grams sugar</b>
<b>95 grams butter</b>

Question 15



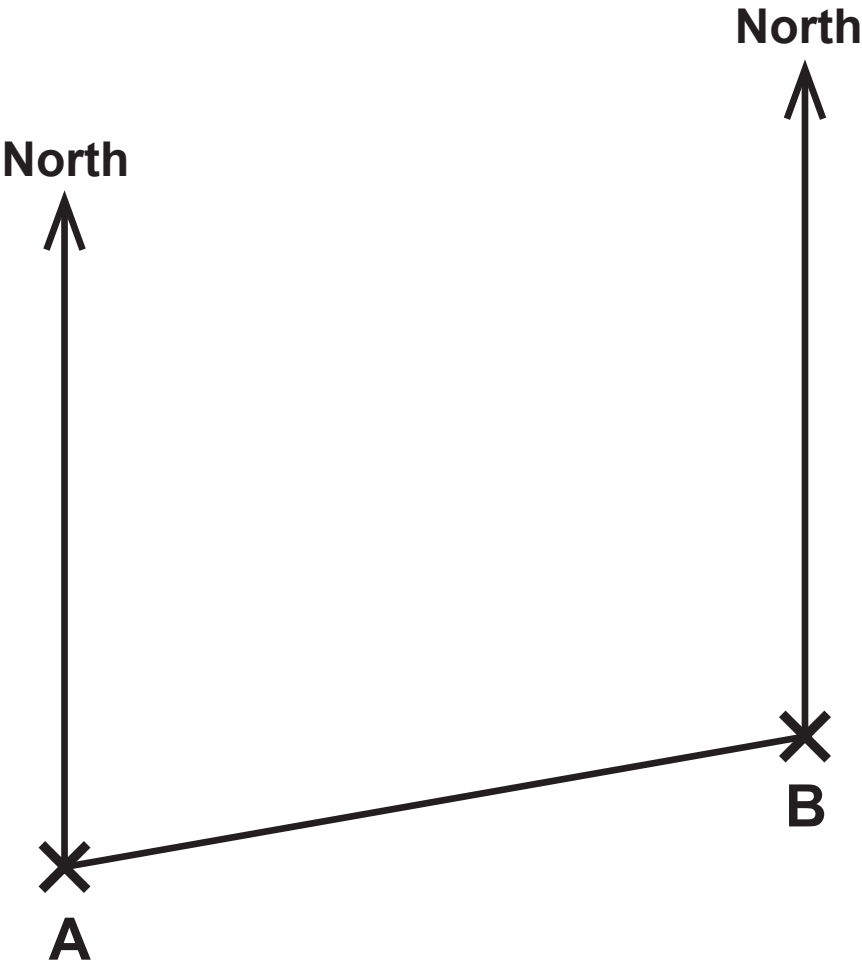
Question 16

Scale: 2 cm represents 1 km

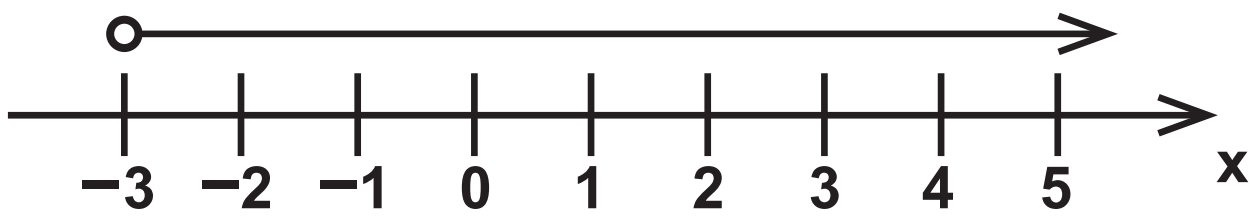


Question 16

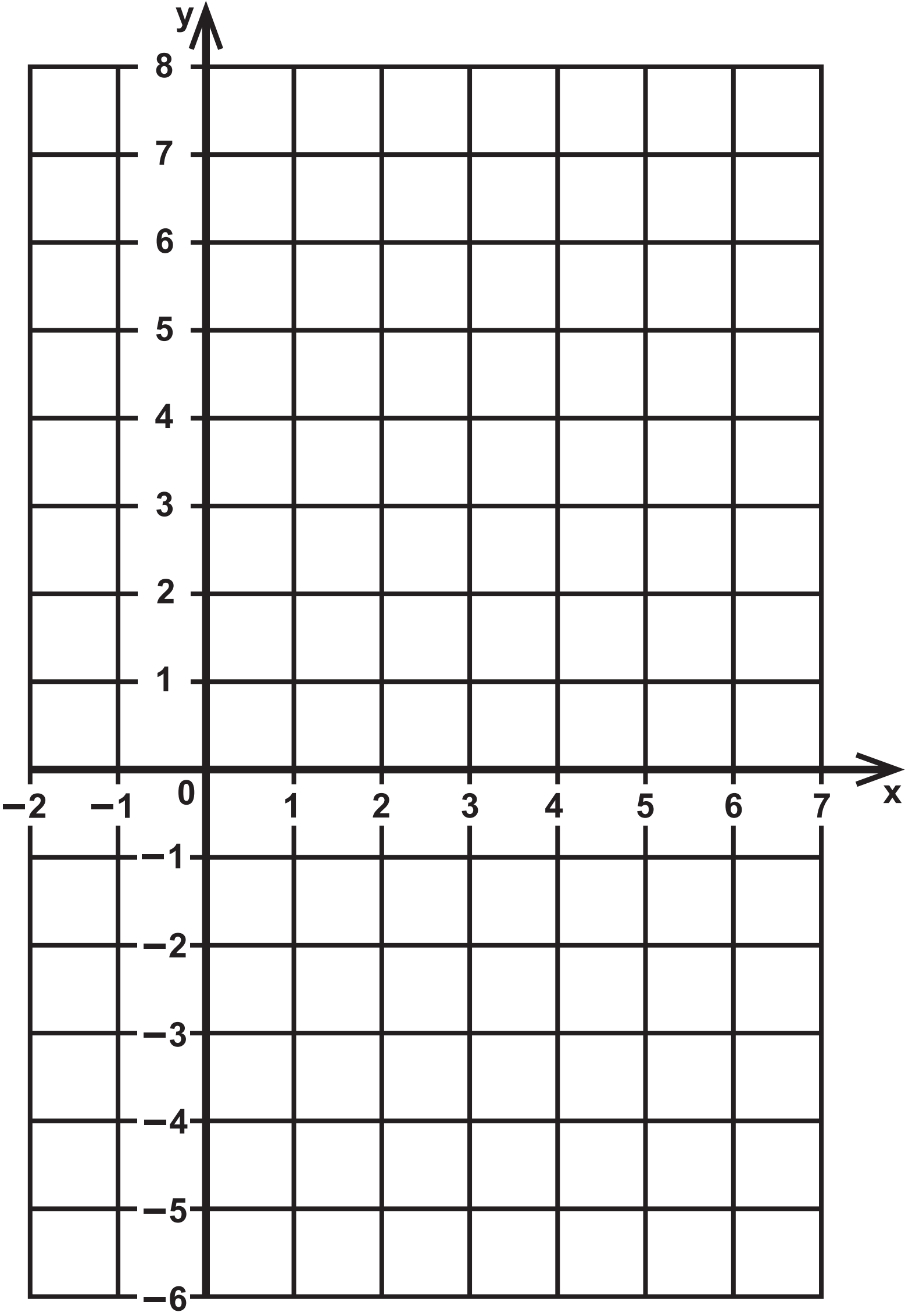
Scale: 2 cm represents 1 km



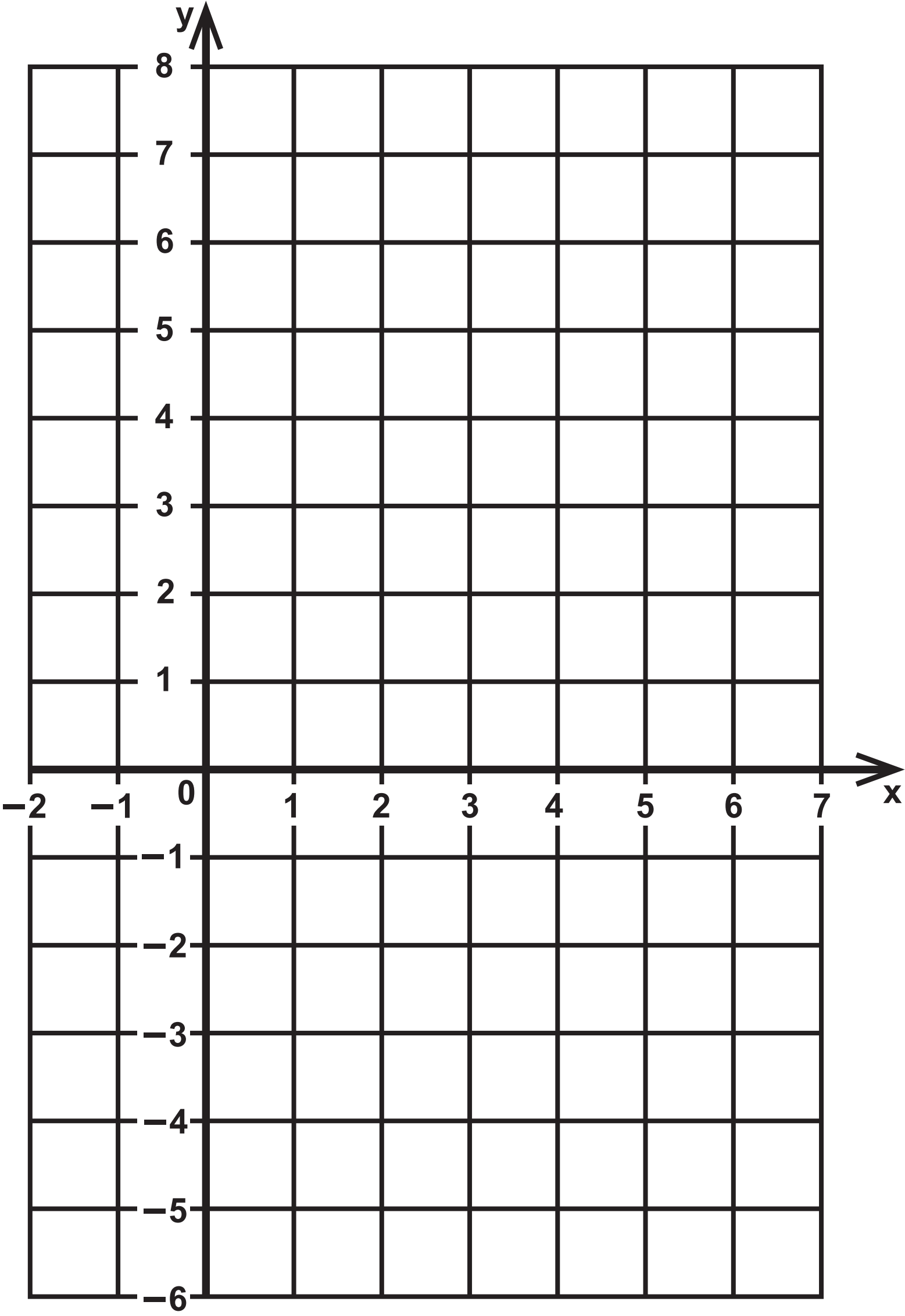
Question 17(a)



Question 19(b)

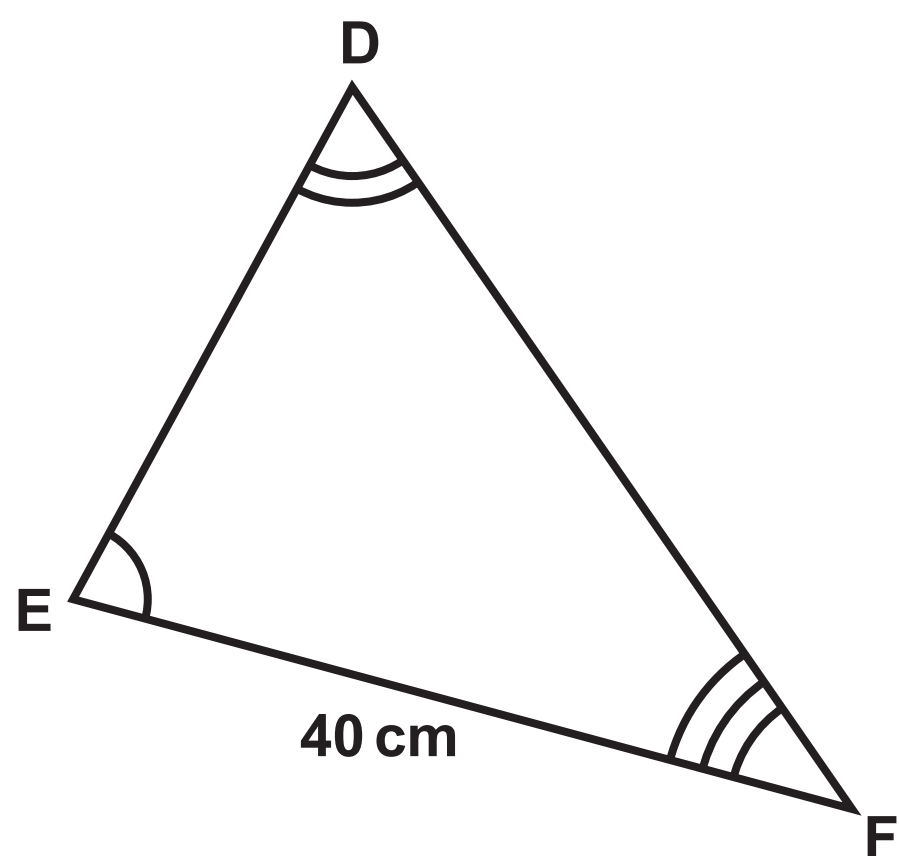
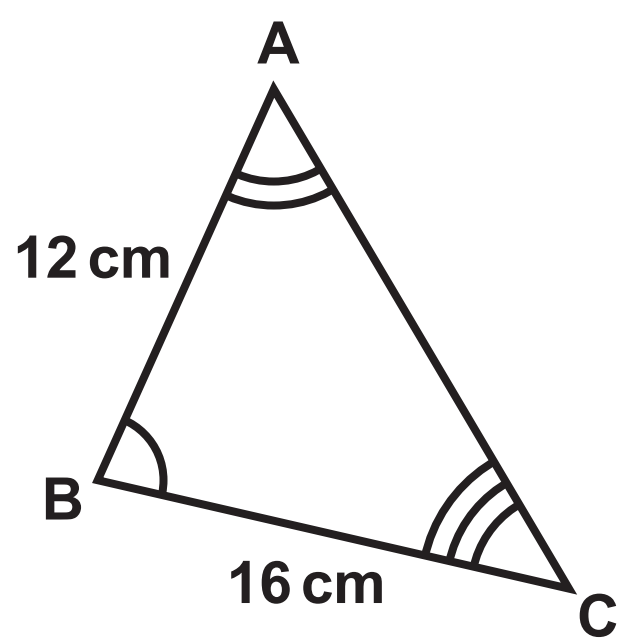


Question 19(b)





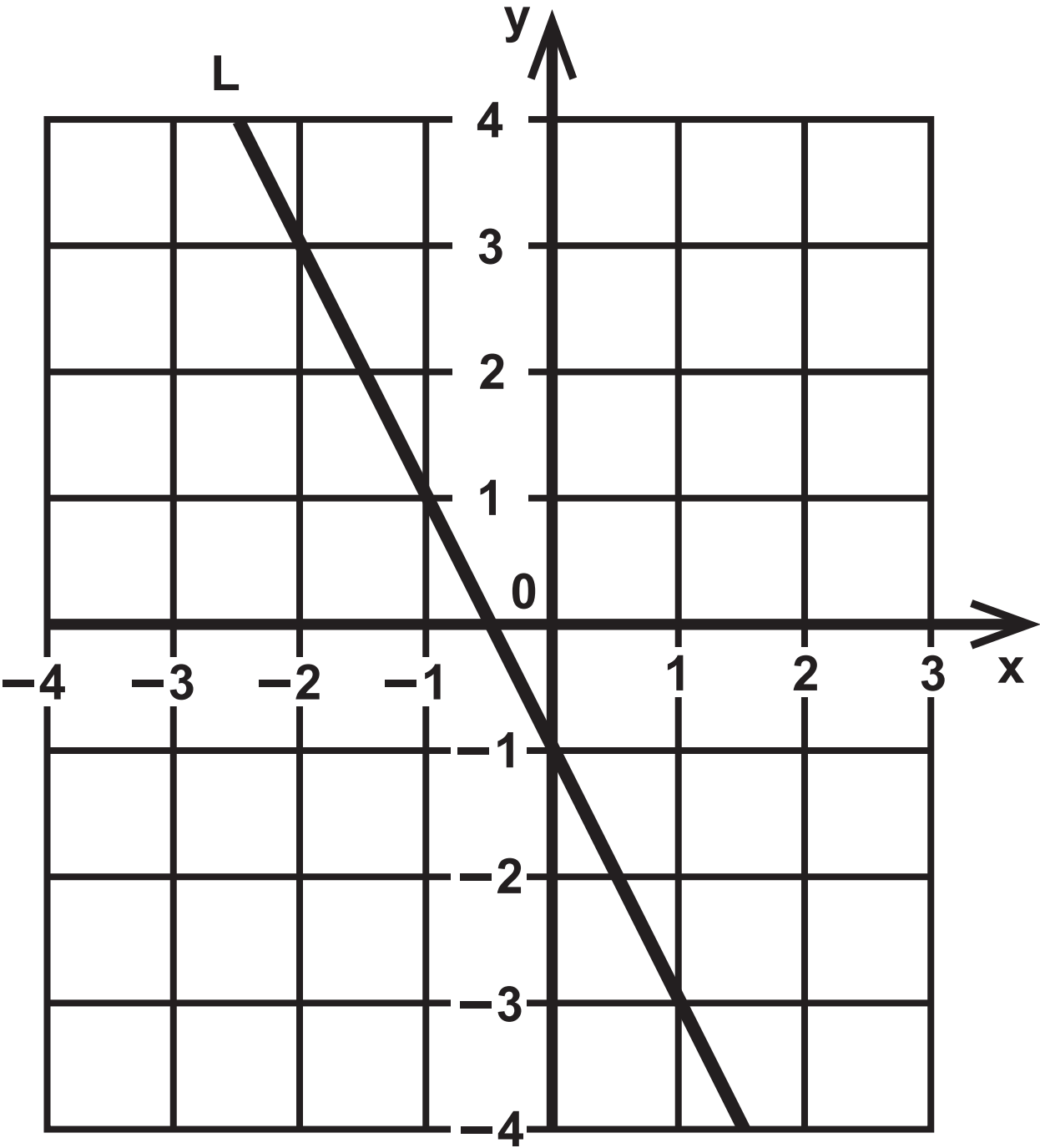
## Question 20



Question 21

Flavour	Probability
banana	0.35
strawberry	0.32
mint	
chocolate	0.12

Question 26



## Question 27

