

Paper Reference 4MA1/2F  
Pearson Edexcel  
International GCSE

Mathematics A  
PAPER 2F  
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

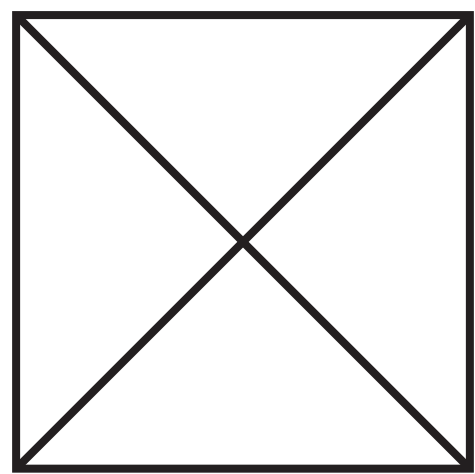
There may be spare copies of some diagrams in case you need them.

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

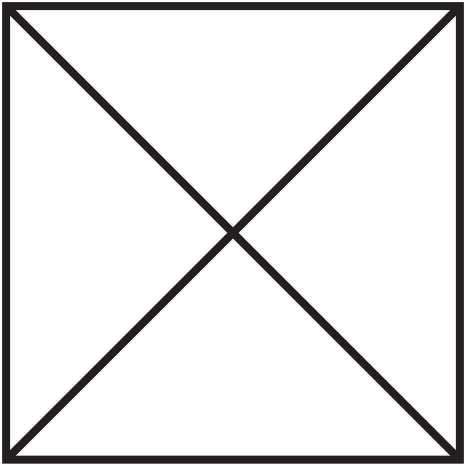
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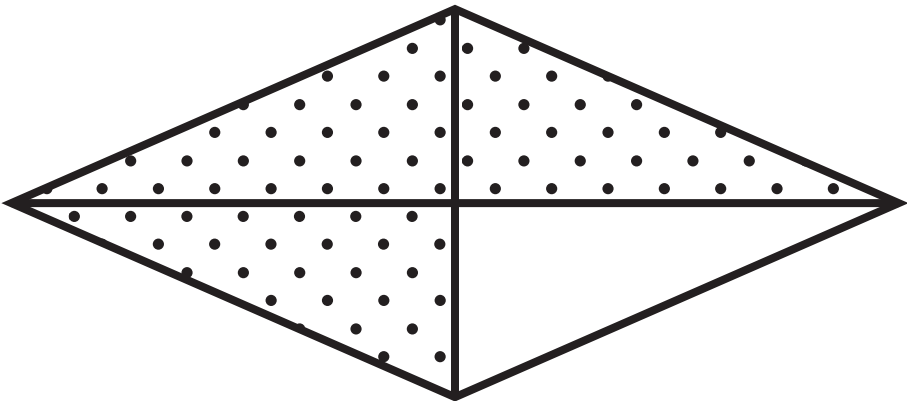
Question 1(a)



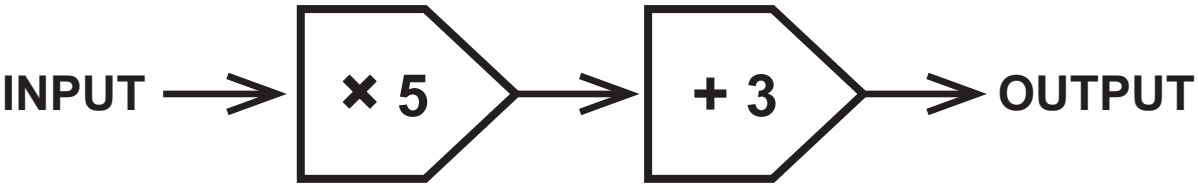
Question 1(a)



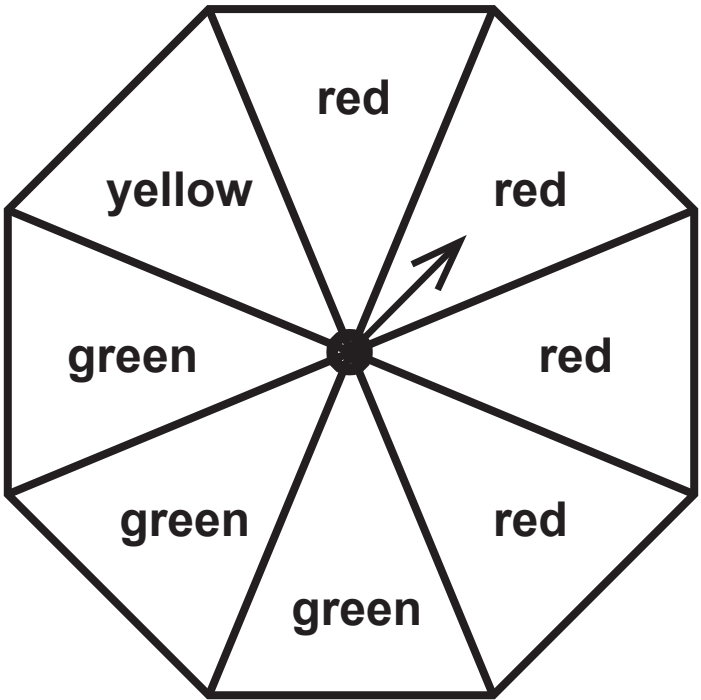
Question 1(b)



Question 2(b)

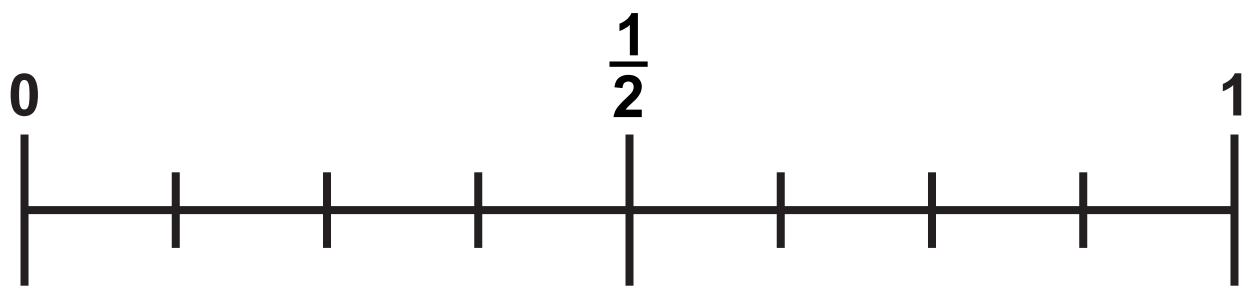


Question 3

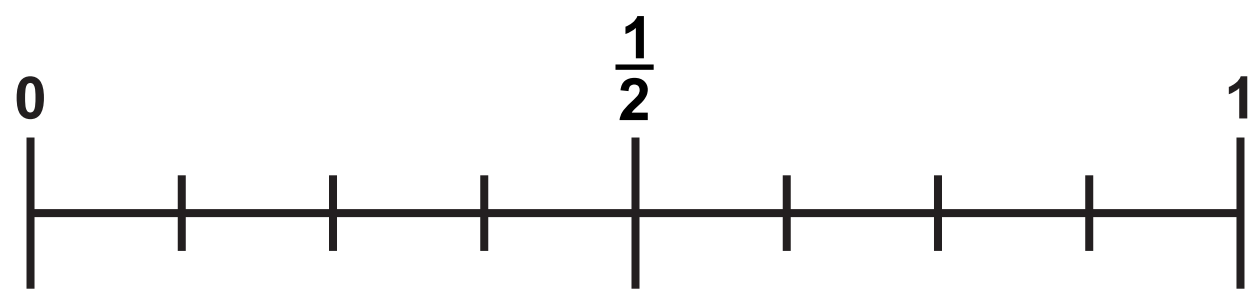




Question 3(b)



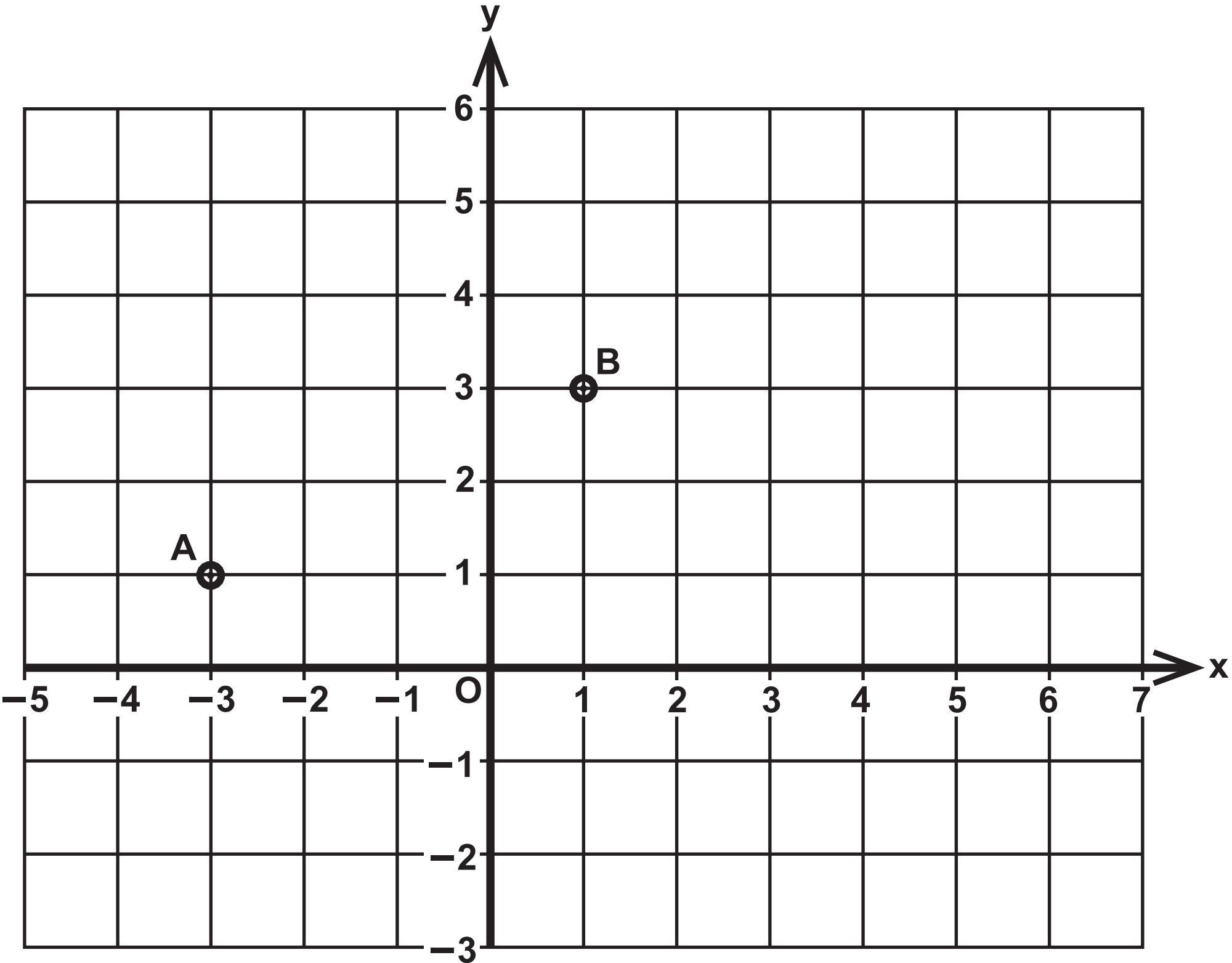
Question 3(b)



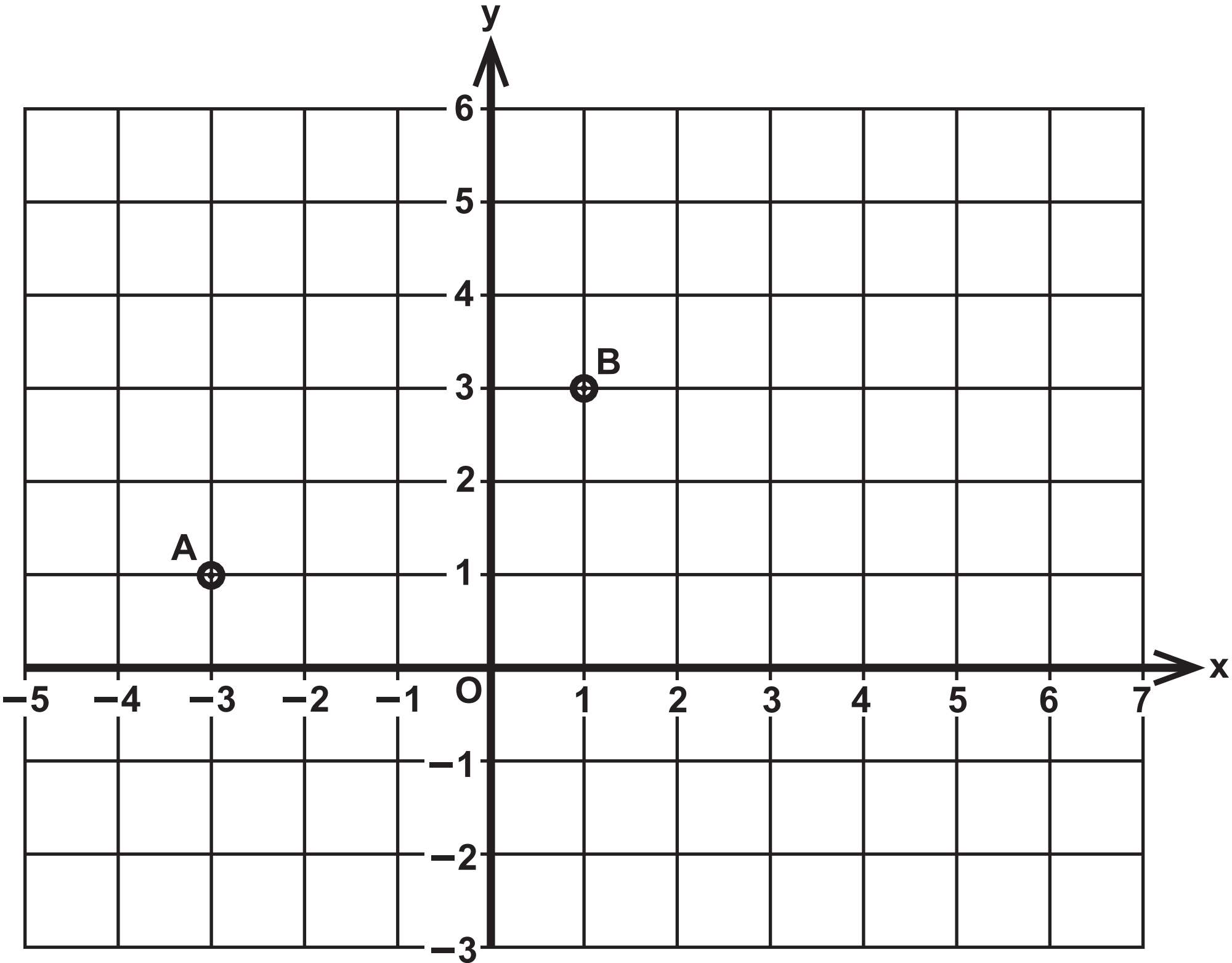
Question 4

Country	Maximum recorded temperature	Minimum recorded temperature
Morocco	19 °C	11 °C
Qatar	21 °C	18 °C
Finland	−19 °C	−28 °C
Canada	8 °C	−40 °C

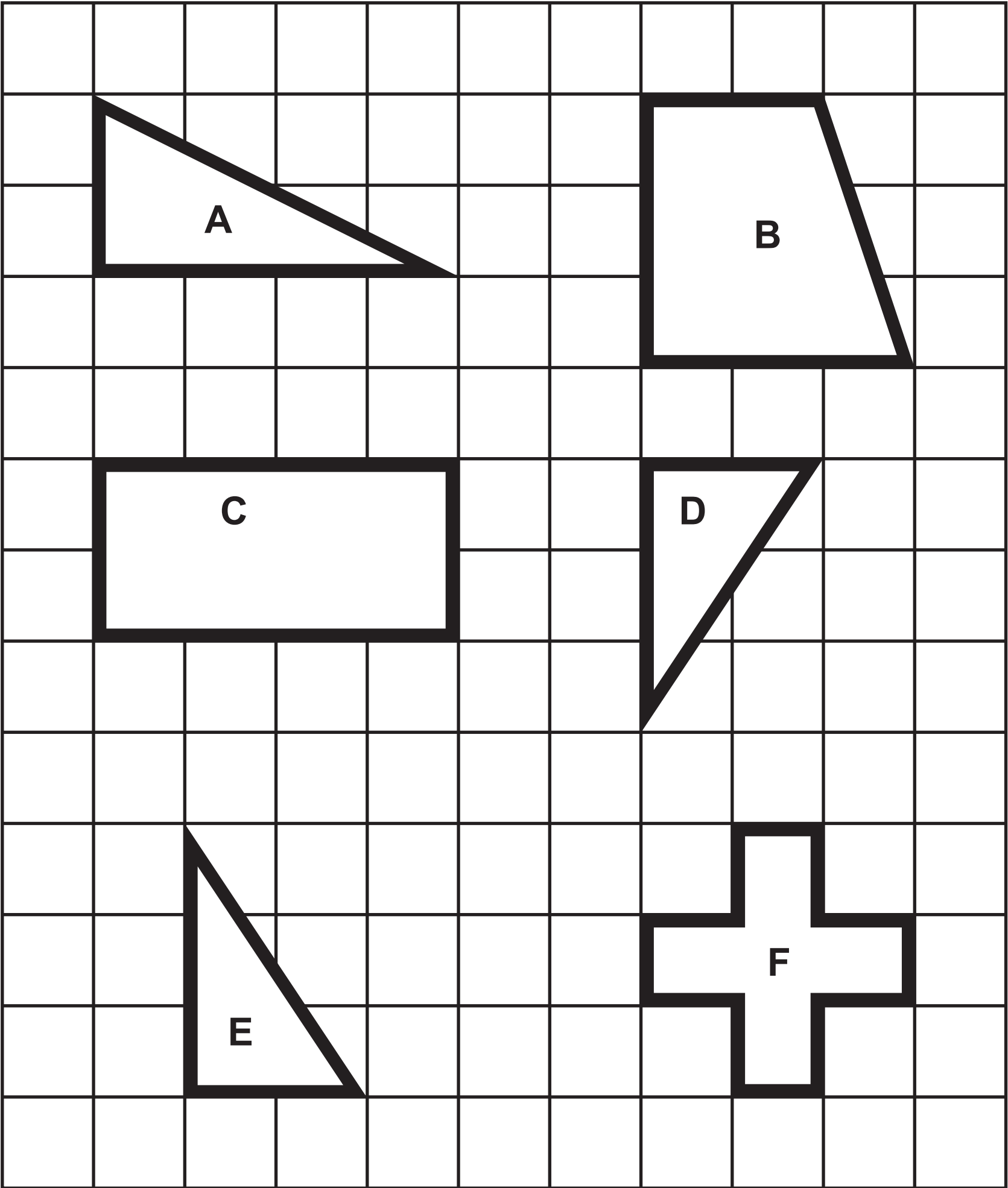
Question 5



Question 5

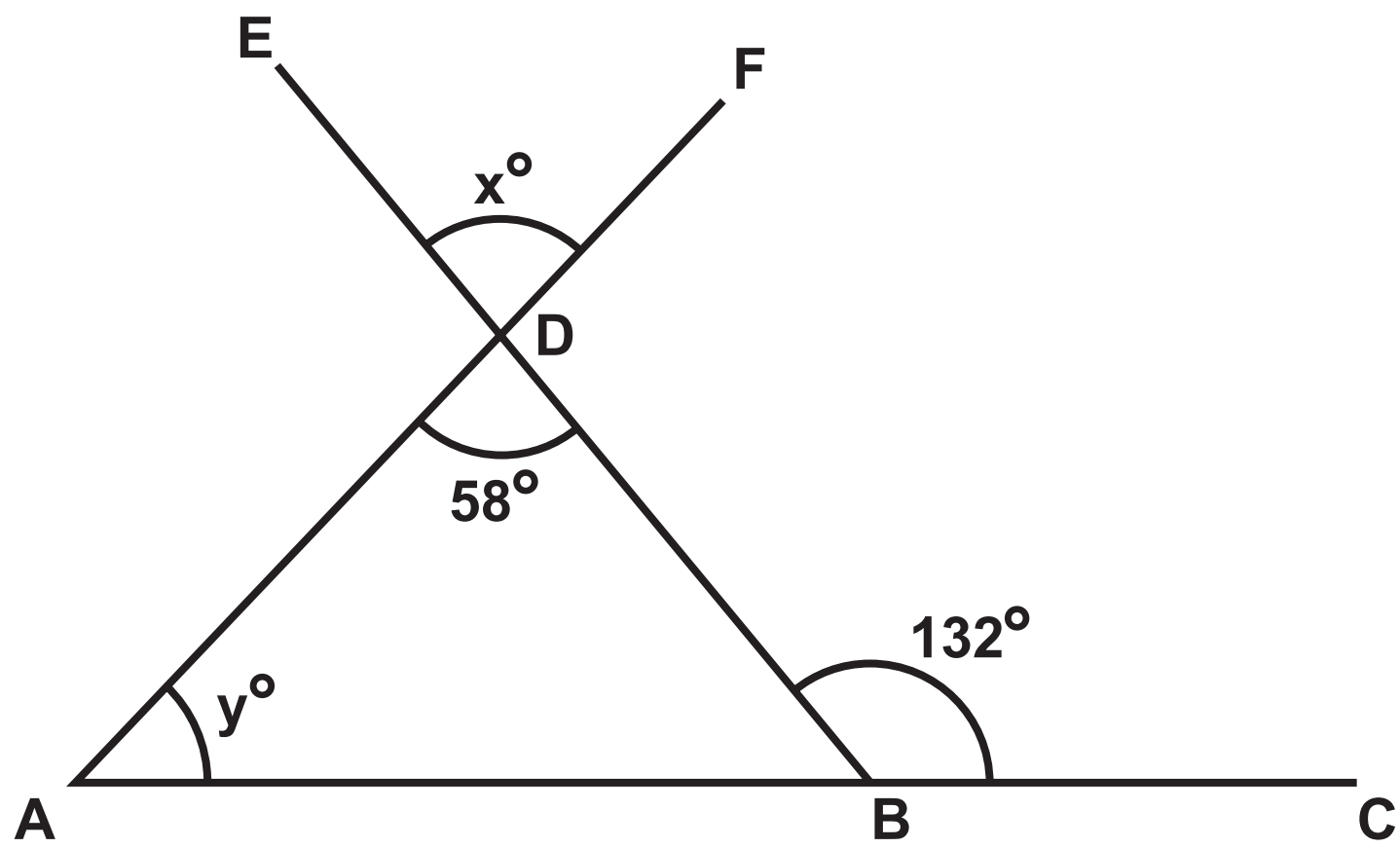


Question 6



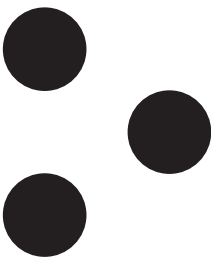
## Question 9

Diagram NOT accurately drawn

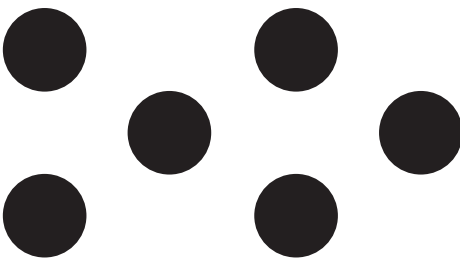


Question 11

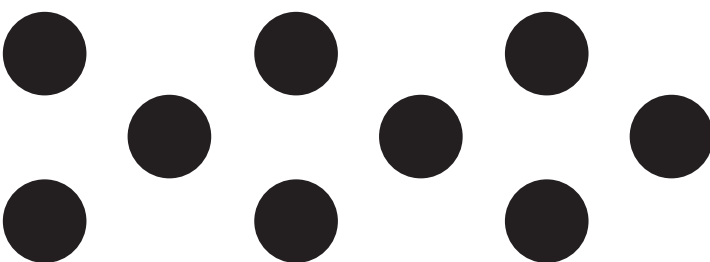
Pattern number 1



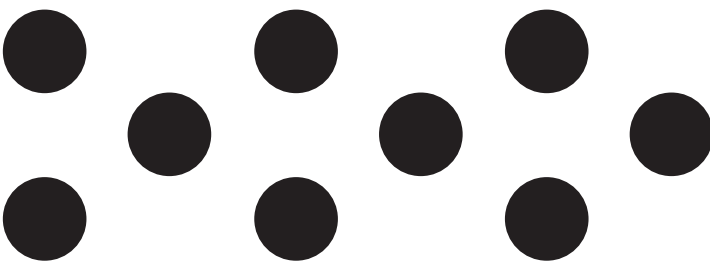
Pattern number 2



Pattern number 3



Pattern number 4  
(not completed)



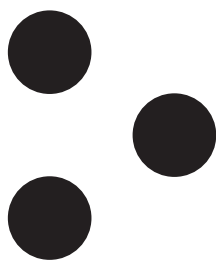
Question 11(b)

Pattern number	Number of counters
1	3
2	6
3	9
4	
5	

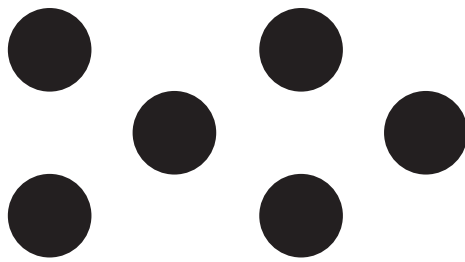


Question 11

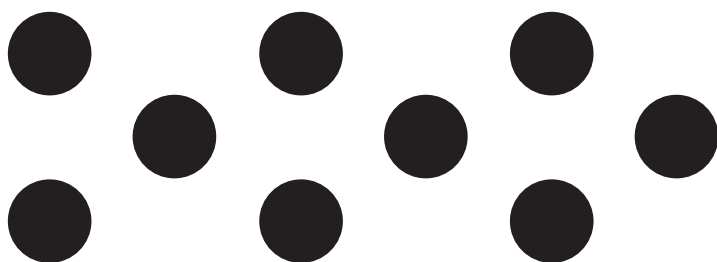
Pattern number 1



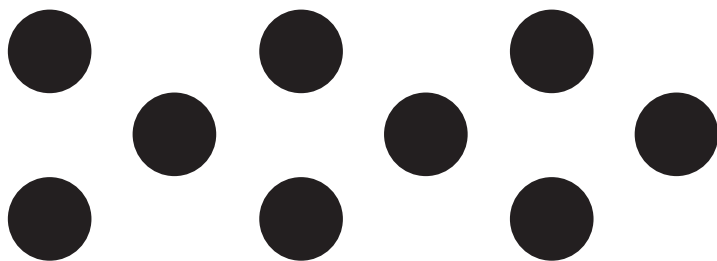
Pattern number 2



Pattern number 3



Pattern number 4  
(not completed)

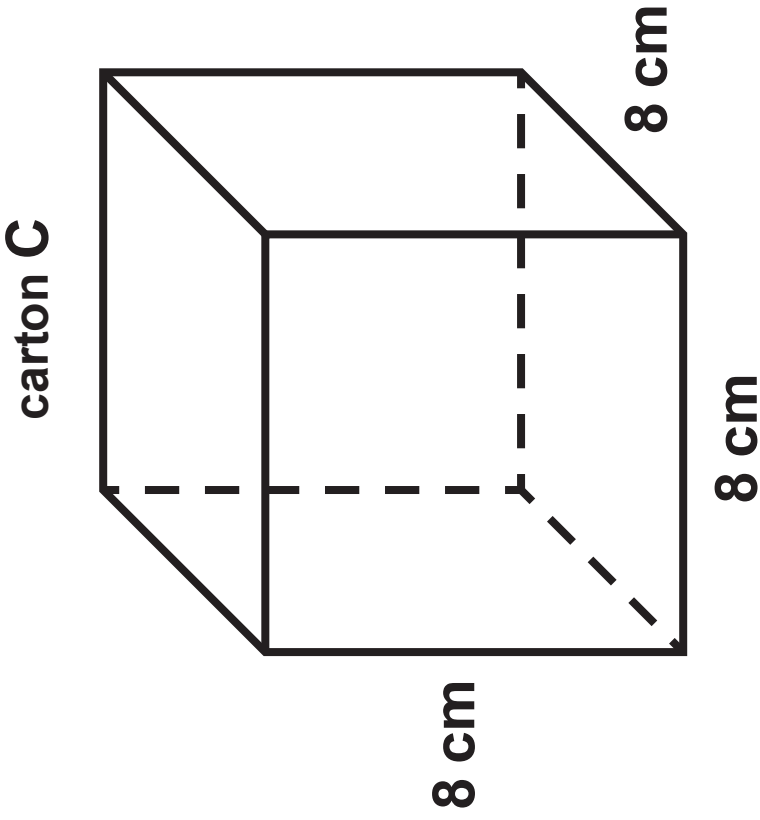
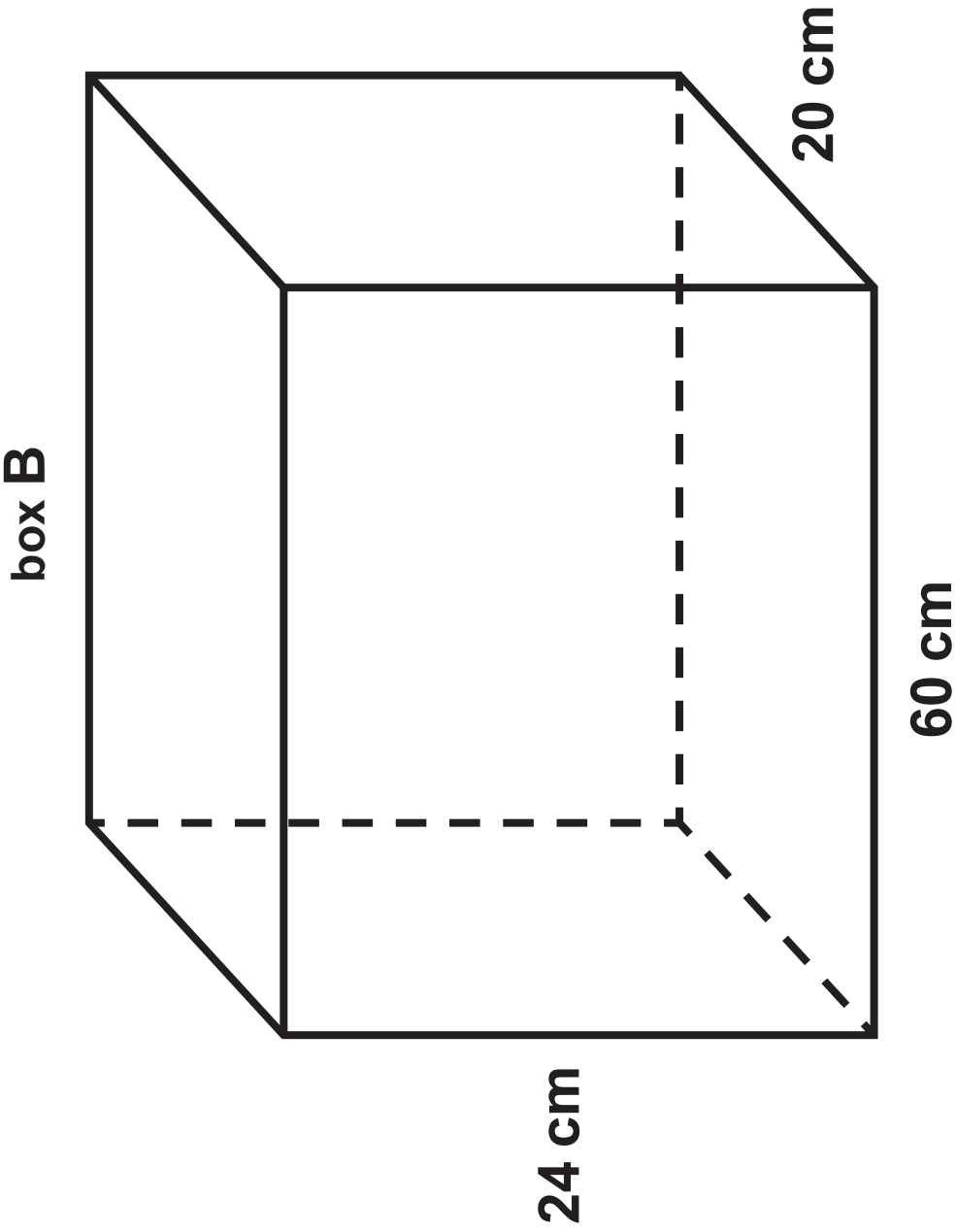


Question 11(b)

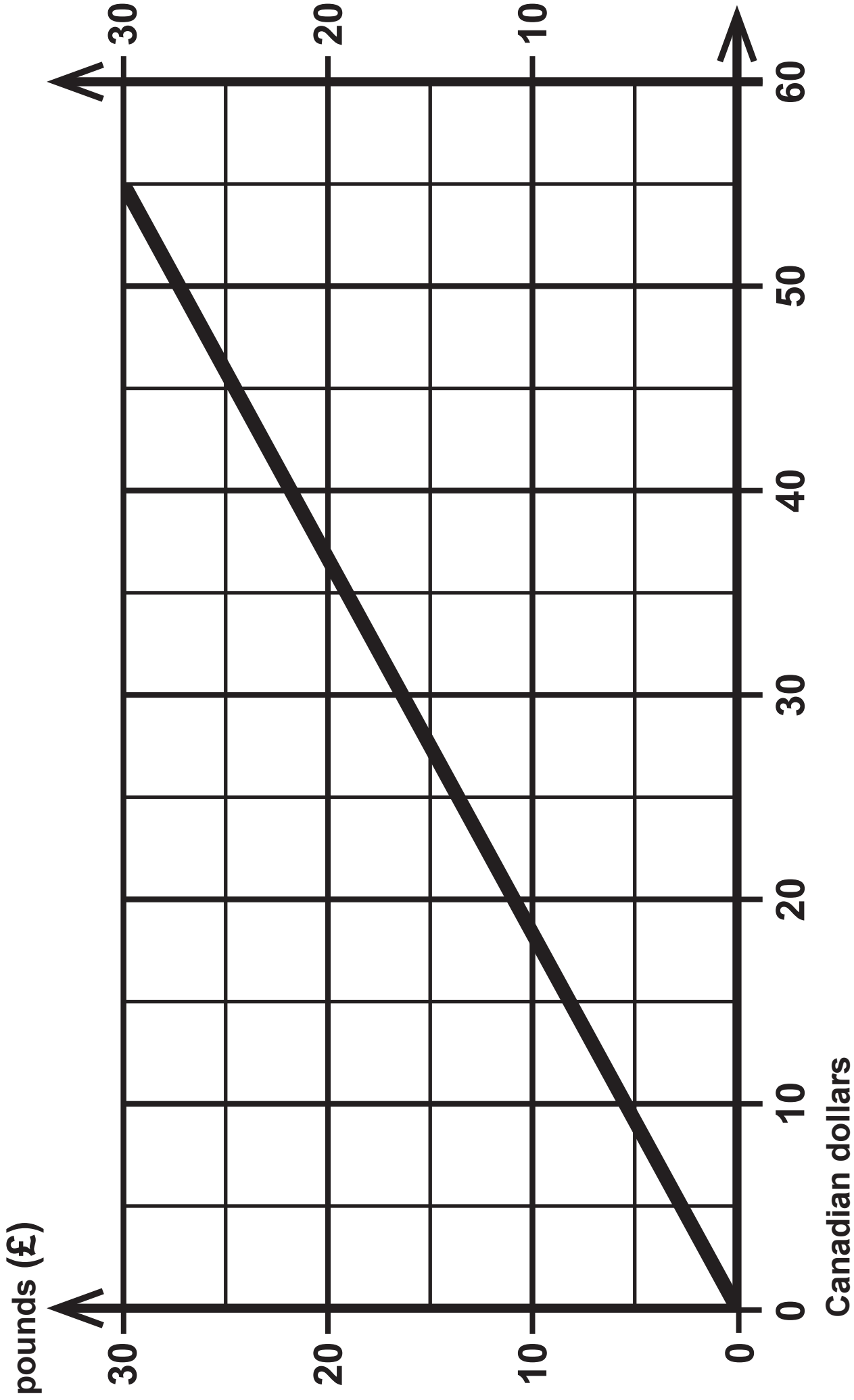
Pattern number	Number of counters
1	3
2	6
3	9
4	
5	

Question 12

Diagram NOT accurately drawn



Question 13

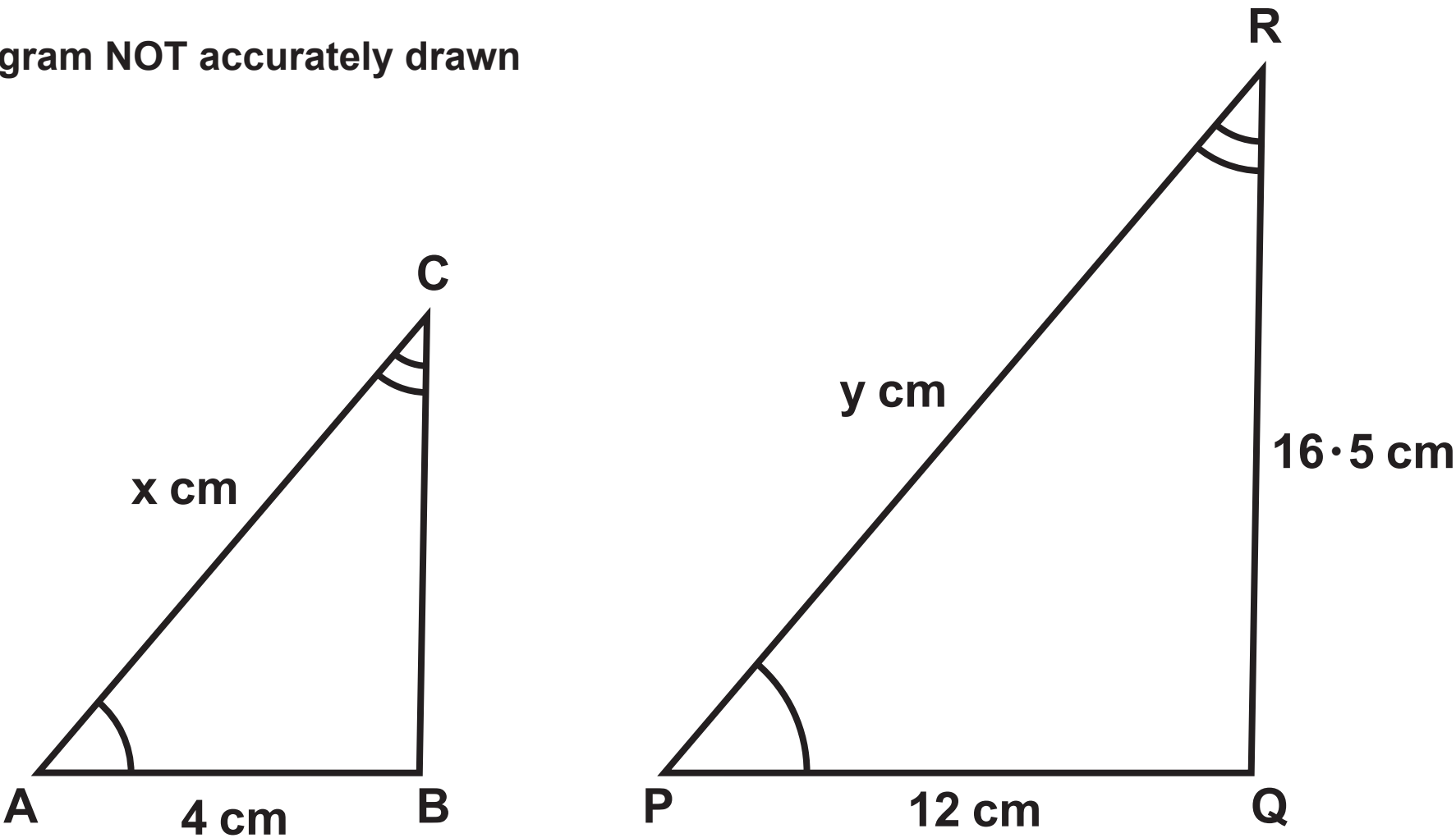


Question 15

<div>Chocolate brownies</div> <div>Ingredients for 12 brownies</div>
150 grams flour
250 grams chocolate spread
3 eggs

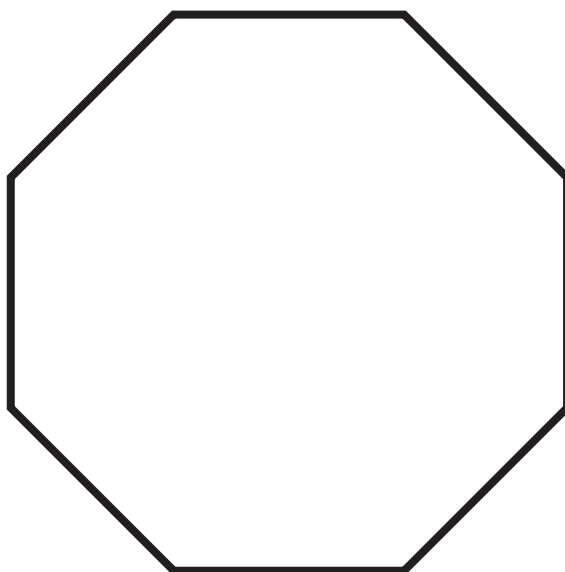
Question 18

Diagram NOT accurately drawn



## Question 19

Diagram NOT accurately drawn



Question 20

Scale: 1 cm represents 200 metres



Question 20

Scale: 1 cm represents 200 metres





Question 21

SWEET	PROBABILITY
pink	
white	
green	0.2
red	0.35

Question 23

Year	Average house price (£)
2017	
2018	228 314
2019	231 776

Question 24

Number of points	Frequency
0	13
1	17
2	8
3	x
4	11

## Question 26

Diagram NOT accurately drawn

