



Aberdare Community School  
Mathematics Department

WJEC GCSE  
**Foundation – Non Calculator**  
Data

# Pictograms

Name: .....

Set: .....

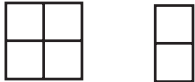

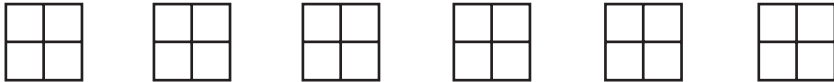
Date: .....

Teacher: .....

3. A shopkeeper recorded the number of customers entering his shop each day for one week. The results are summarised in the following table.


Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
150	200	300	325	575	600	450

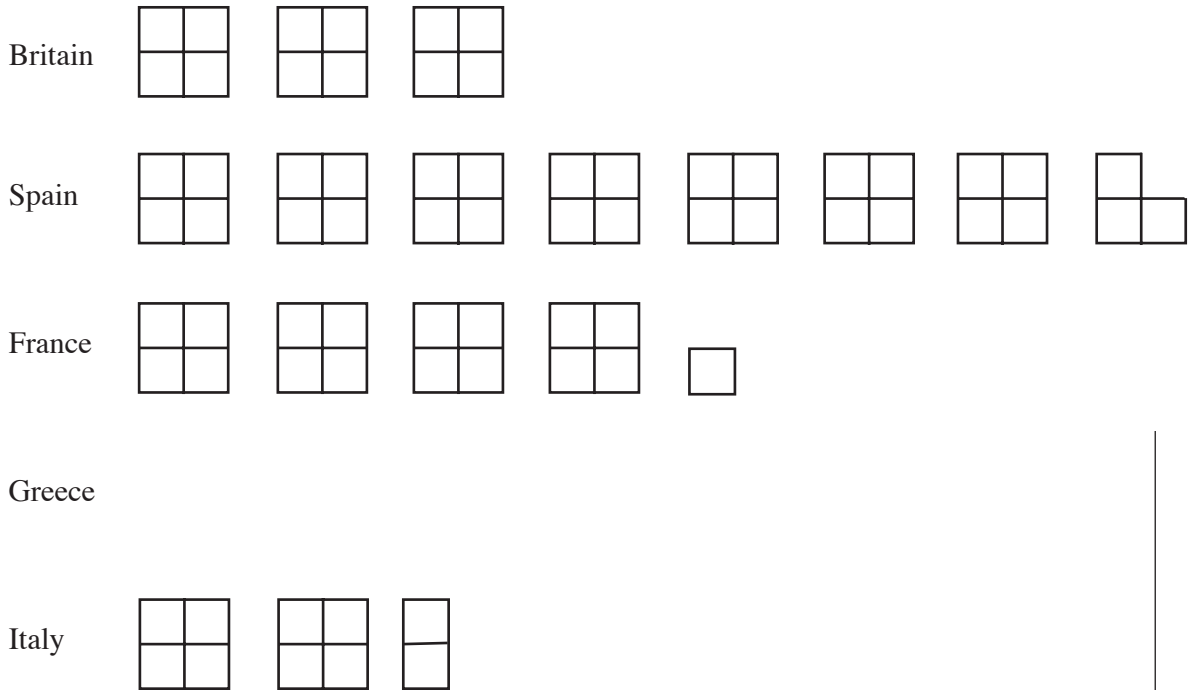
Using the symbol  to represent 100 customers, complete the following pictogram.

Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	

[4]

(b) A survey was carried out to find out where people had been for their holidays in 2008. The pictogram shows the result of the survey.

The symbol  represents 20 people.



- (i) How many people spent their holiday in Britain? .....
- (ii) How many people spent their holiday in Spain? .....
- (iii) There were 30 people who went to Greece for their holiday. Draw this on the pictogram.
- (iv) How many more people went on holiday to France than to Italy?


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[5]

2. In a holiday camp Rachel carried out a survey of the children present to find out from which country the children had come. Her results are shown below.

Country	Wales	England	Scotland	Ireland
Number of children	40	70	35	25

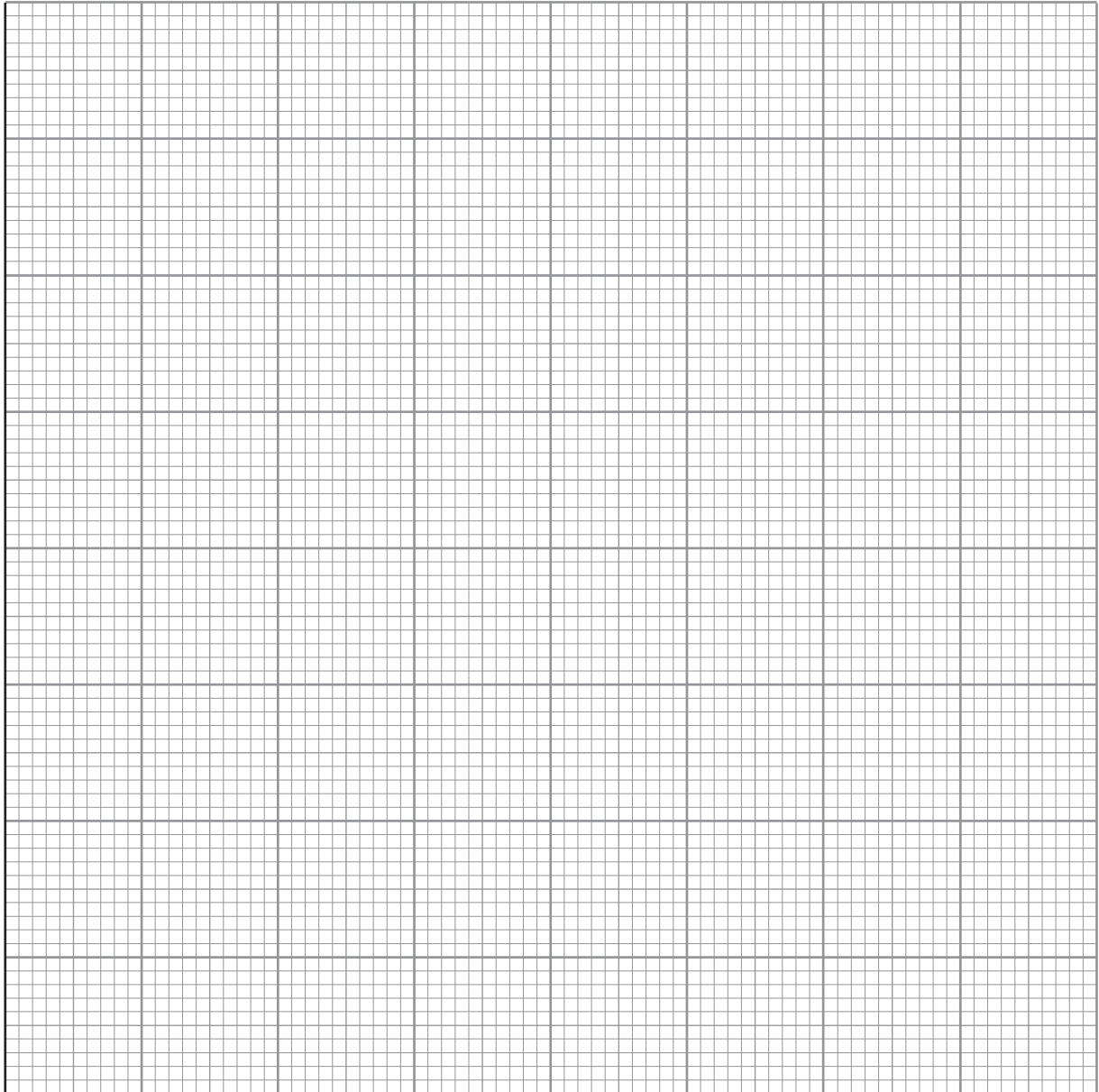
- (a) Draw a pictogram to represent the above information, using  to represent 20 children.

Wales	
England	
Scotland	
Ireland	

[4]

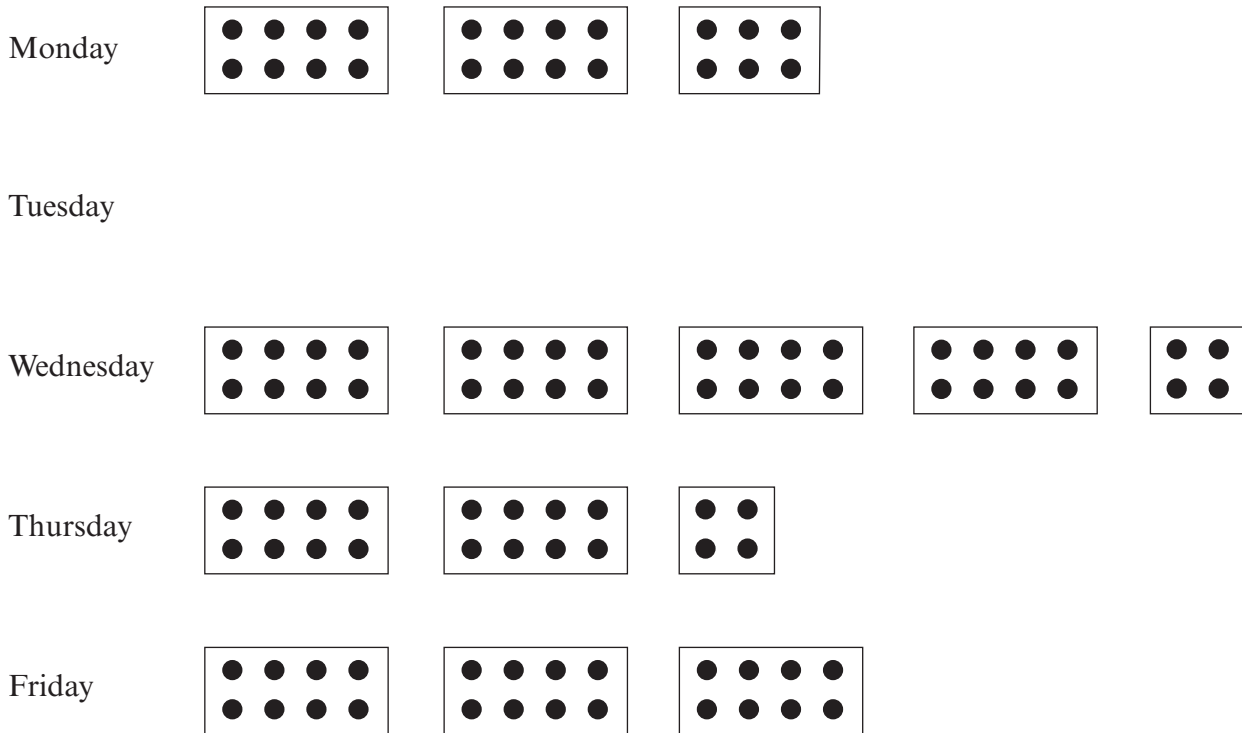
(b) On the graph paper below draw a bar chart to represent the information.

[4]



- (b) A survey was carried out to find out how many bars of chocolate were sold in a shop on each day of a week from Monday to Friday. The pictogram shows the result of the survey.

The symbol  represents 20 bars of chocolate.

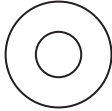


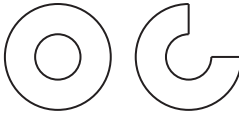
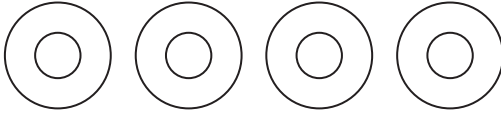
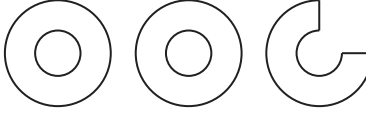
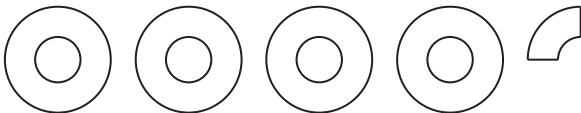
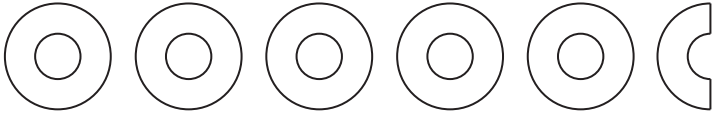
- (i) How many bars of chocolate were sold on Friday? .....
- (ii) How many bars of chocolate were sold on Thursday? .....
- (iii) There were 45 bars of chocolate sold on Tuesday. Draw this on the pictogram.
- (iv) How many more bars of chocolate were sold on Wednesday compared with Monday?

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[5]

- (b) A survey was carried out to find out how many DVDs were sold in a shop on each day of a week from Monday to Saturday. The pictogram shows the result of the survey.

The symbol  represents 4 DVDs.

Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

- (i) How many DVDs were sold on Tuesday? .....
- (ii) How many DVDs were sold on Wednesday? .....
- (iii) There were 10 DVDs sold on Thursday. Draw this on the pictogram.
- (iv) How many more DVDs were sold on Saturday compared with Monday?

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[5]