

Name:

Date:

Pictograms

GCSE

Edexcel
Mathematics
Grade (9-1)

Mark

Score (%)

<hr/> 50

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Materials

For this paper you must have:

- Ruler
- Pencil, Rubber, Protractor and Compass
- Scientific calculator, which you are expected to use when appropriate

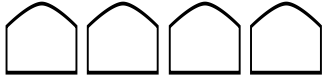
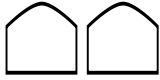

Instructions


- Answer all questions
- Answer questions in the space provided
- All working must be shown
- Do all rough work in this book. Cross out any rough work you don't want to be marked

Information

- The marks for the questions are shown in brackets

1

Miss Smith	
Mr Jones	
Mrs Gray	
Ms Shah	
Mr Khan	

Key:
 Represents 20 loaves of bread

(a) Write down the number of loaves of bread made by Mr Jones.
 (1)





(b) Write down the number of loaves of bread made by Mrs Gray.
 (1)

Ms Shah made 60 loaves of bread. Mr Khan made 90 loaves of bread.

(c) Use this information to complete the pictogram.
 (2)

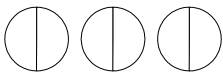
(Total for question 1 is 4 marks)


2 The incomplete table show information about the number of ice creams sold by a shop last week.

	Tally	Frequency
Monday		6
Tuesday		
Wednesday		
Thursday		
Friday		11

(a) Complete the tally chart. (2)

(b) Complete the pictogram to represent the ice cream sales (2)

Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

Key:
 Represents 2 ice creams

(Total for question 2 is 4 marks)

3 The pictogram shows information about the number of books sold by an author in January, February and March.

January	
February	
March	
April	

Key:

represents 8 books

(a) Write down the number of books sold in March

.....
(1)

14 books were sold in April.

(b) Show this information on the pictogram.

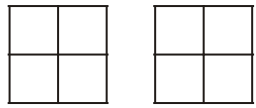
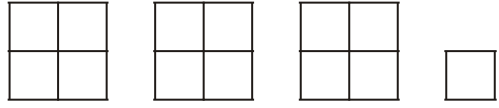
(1)

(c) What was the total number of books sold in these four months?

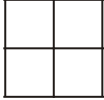
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(2)

(Total for question 3 is 4 marks)

4 Alan buys some fruit. The pictogram shows information about the number of apples and the number of oranges he buys.

Apples	
Oranges	
Peaches	

Key:

	Represents 8 fruit
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(a) Write down the number of apples he buys.

.....
(1)

(b) Write down the number of oranges he buys.

.....
(1)



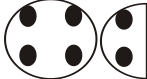
Alan buys 12 peaches.


(c) Use this information to complete the pictogram.

(2)

(Total for question 4 is 4 marks)

5 The pictogram gives information about the number of goals scored in a local football league in each of 3 weeks.

First week	
Second week	
Third week	
Fourth week	
Fifth week	

Key:
 Represents 4 goals

(a) Find the number of goals scored in the first week.

.....
(1)

(b) Find the number of goals scored in the third week.

.....
(1)

8 goals were scored in the fourth week.

5 goals were scored in the fifth week.

(c) Complete the pictogram.

(2)

(Total for question 5 is 4 marks)

6 The tally chart show information about the the number of ice creams sold by a shop last week.

	Tally	Frequency
Monday	I	11
Tuesday		13
Wednesday		9
Thursday	I	11
Friday		9

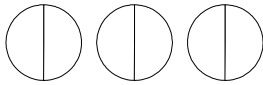
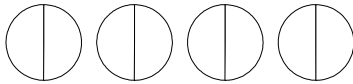
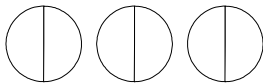
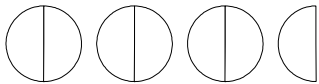
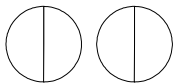
(a) Write down one thing that is wrong with the tally chart.

.....


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(1)

The pictogram gives information about the number of chocolate bars sold by a shop last week.

Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

Key:

 Represents 3 chocolate bars

(b) Write down one thing that is wrong with the tally chart.

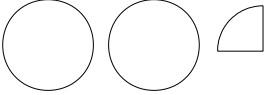
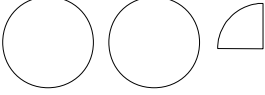
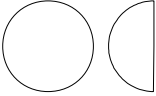
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(1)

(Total for question 6 is 2 marks)

7 This incomplete pictogram shows information about the number of wheels sold by a shop on Monday, Tuesday and Wednesday.

Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

Key:

A total of 48 wheels were sold on Monday, Tuesday and Wednesday.

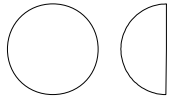
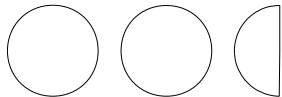
18 wheels were sold on Thursday.

22 wheels were sold on Friday.

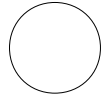
Use this information to complete the pictogram.

(Total for question 7 is 3 marks)

8 The pictogram shows information about the number of pizzas sold by a shop on Monday and Tuesday.

Monday	
Tuesday	
Wednesday	
Thursday	

Key:

 Represents 8 pizzas

(a) Write down the number of pizzas sold

(i) On Monday

.....

(1)

(ii) On Tuesday

.....

(1)

On Wednesday and Thursday a total of 24 pizzas were sold.
The number of pizzas sold on Thursday was 3 times the number of pizzas sold on Wednesday.

(b) Use this information to complete the pictogram.

(3)

(Total for question 8 is 5 marks)