

# 6.1

# Pictograms

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- 2 The pictogram shows information about the number of televisions sold from a shop on each of five days.

<b>Monday</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Tuesday</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Wednesday</b>	<input type="text"/>	<input type="text"/>	
<b>Thursday</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Friday</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>

represents 8 televisions

- (a) How many televisions were sold on Monday?

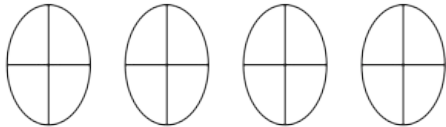
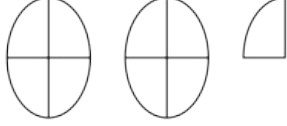
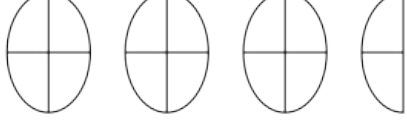
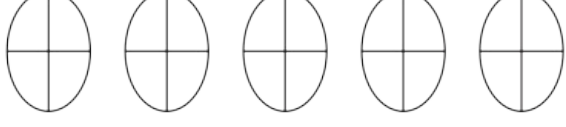
.....  
(1)

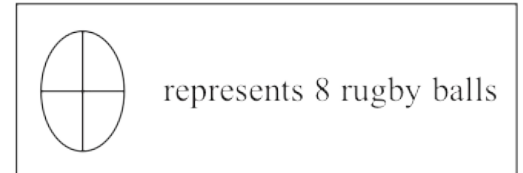
More televisions were sold on Friday than were sold on Tuesday.

- (b) How many more?

.....  
(2)

- 1 The pictogram shows information about the number of rugby balls sold each day from Monday to Thursday in a shop.

Monday	
Tuesday	
Wednesday	
Thursday	
Friday	



- (a) How many rugby balls were sold on Monday?

.....  
(1)

- (b) How many rugby balls were sold on Wednesday?

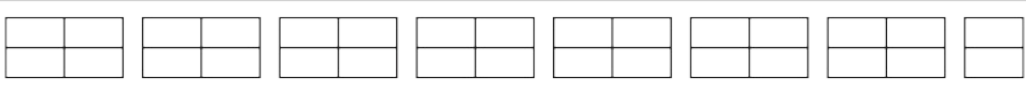
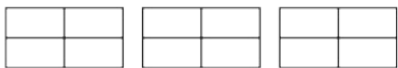
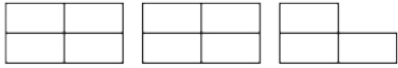
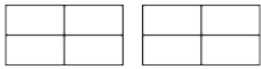
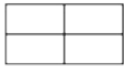
.....  
(1)

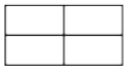
12 more rugby balls were sold on Friday than on Tuesday.

- (c) Use this information to show the number of rugby balls sold on Friday on the pictogram.

(2)

- 3 The pictogram shows information about the total weight of bananas grown last year in each of five countries.

<b>India</b>	
<b>China</b>	
<b>Uganda</b>	
<b>Brazil</b>	
<b>Tanzania</b>	
<b>Indonesia</b>	

 represents 4 million tonnes of bananas

- (a) How many million tonnes of bananas were grown last year in Uganda?

.....million tonnes  
(1)

Last year the weight of bananas grown in India was more than the weight of bananas grown in China.

- (b) How many million tonnes more?

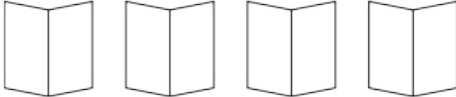

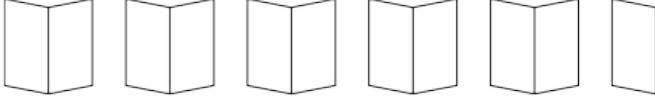

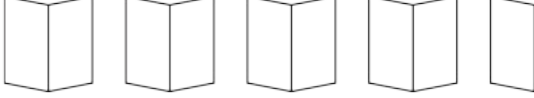
.....million tonnes  
(1)

Last year the total weight of bananas grown in Indonesia was 6 million tonnes.

- (c) Show this information on the pictogram.

(1)

- 2 The pictogram shows some information about the number of books read by Theodore during each of five weeks.


Week 1	
Week 2	
Week 3	
Week 4	
Week 5	

- (a) During which week did Theodore read the greatest number of books?

Week

(1)

Theodore read 16 books during Week 1

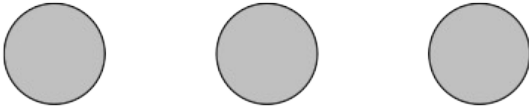

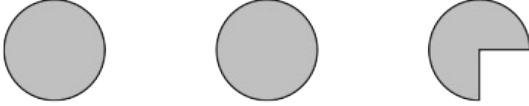
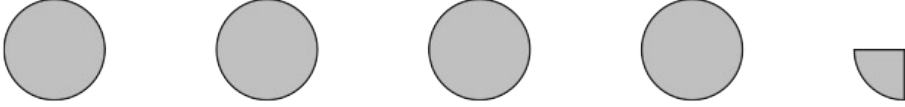
- (b) (i) How many books does  represent?

- (ii) How many books did Theodore read during Week 2?

- (iii) How many books did Theodore read during Week 5?

(3)

4 The pictogram gives information about the number of cakes Peony baked on Monday, on Tuesday, on Wednesday and on Thursday.

<b>Monday</b>	
<b>Tuesday</b>	
<b>Wednesday</b>	
<b>Thursday</b>	
<b>Friday</b>	

 represents 8 cakes

(a) How many cakes did Peony bake on Wednesday?

(1)

Peony baked more cakes on Thursday than on Monday.

(b) How many more?

(1)

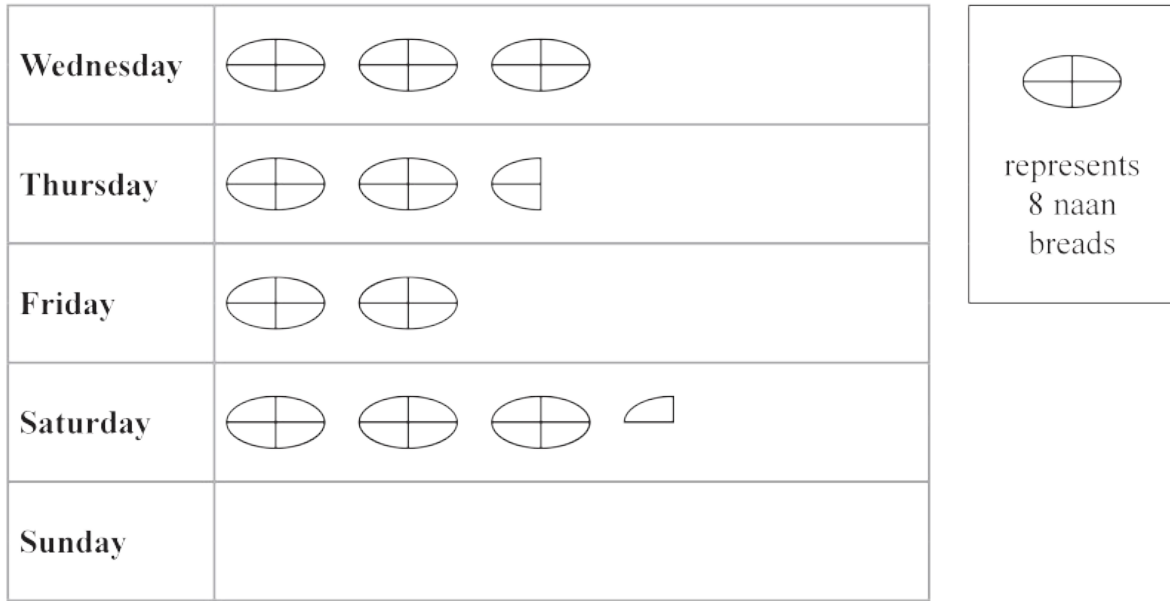
Peony baked 20 cakes on Friday.

(c) Show this information on the pictogram.

(1)

(Total for Question 4 is 3 marks)

- 2 The pictogram shows information about the number of naan breads sold in a restaurant each day from Wednesday to Saturday.



- (a) How many naan breads were sold on Wednesday?

.....  
(1)

More naan breads were sold on Saturday than were sold on Friday.

- (b) How many more?

.....  
(2)

12 naan breads were sold in the restaurant on Sunday.

- (c) Show this information on the pictogram.

(1)

The manager of the restaurant says,

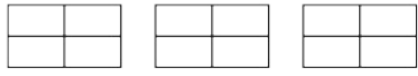
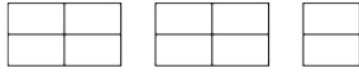
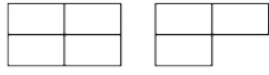

“More than 100 naan breads were sold in the restaurant from Wednesday to Sunday.”

- (d) Is the manager correct?

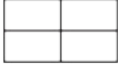
You must show your working.

.....  
(2)

- 4 The pictogram gives information about the number of rickshaws sold from a garage each month from January to April.

<b>January</b>	
<b>February</b>	
<b>March</b>	
<b>April</b>	
<b>May</b>	

Key:



represents ..... rickshaws

36 rickshaws were sold in January.

- (a) Complete the key.

(1)

- (b) How many rickshaws were sold in February?

.....  
(1)

15 rickshaws were sold in May from the garage.

- (c) Show this information on the pictogram.

(1)

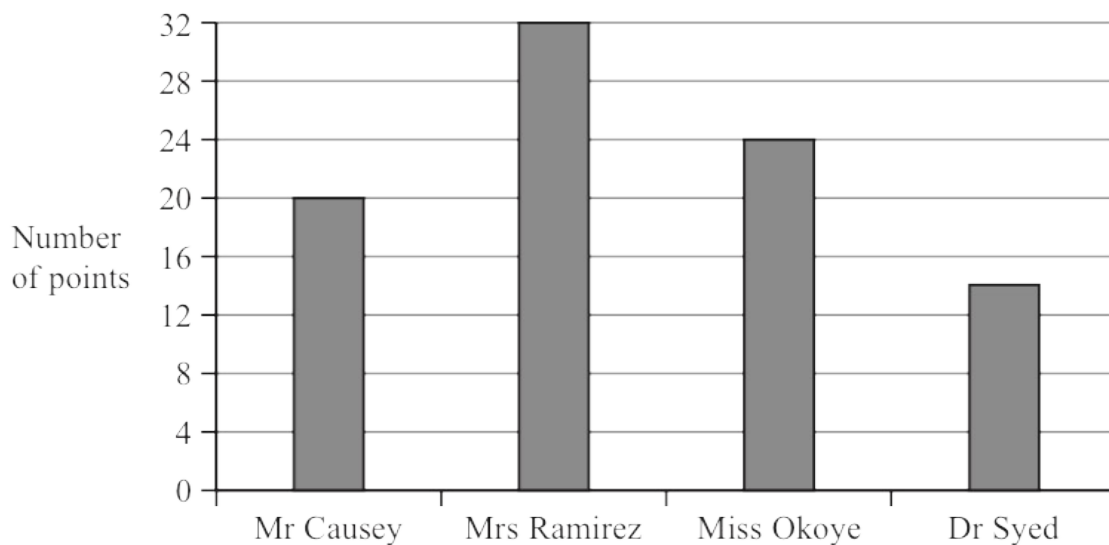
Sandeep makes a profit of 5000 rupees on each rickshaw sold from the garage.

His target profit for January was 200 000 rupees.

- (d) Did Sandeep reach his target profit for January?  
You must show your working.

(2)

- 5 The bar chart gives information about the number of points scored by each of four teachers in a quiz.



Joseph starts to draw a pictogram, shown below, for this information. The pictogram shows the number of points scored by Mr Causey and the number of points scored by Mrs Ramirez.

Mr Causey	
Mrs Ramirez	
Miss Okoye	
Dr Syed	

Key:

represents ..... points

Complete the pictogram, including the key.

(Total for Question 5 is 4 marks)

2 The pictogram shows information about the number of books sold in a shop each day from Monday to Thursday last week.

<b>Monday</b>	
<b>Tuesday</b>	
<b>Wednesday</b>	
<b>Thursday</b>	
<b>Friday</b>	

Key:

represents 20 books

(a) How many books were sold on Wednesday last week?

.....  
(1)

35 books were sold in the shop on Friday last week.

(b) Show this information on the pictogram.

(1)

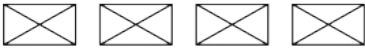



Last week

- some books were sold in the shop on Saturday
- no books were sold in the shop on Sunday
- a total of 500 books were sold in the shop.

(c) Work out the number of books that were sold in the shop on Saturday last week.

.....  
(3)

- 2 The pictogram shows information about the number of emails Sophie received on each of four days.

<b>Monday</b>	
<b>Tuesday</b>	
<b>Wednesday</b>	
<b>Thursday</b>	
<b>Friday</b>	

**Key:**



represents: 4 emails

- (a) On which of Monday, Tuesday, Wednesday or Thursday did Sophie receive the least number of emails?

.....  
(1)

- (b) Find the ratio of the number of emails Sophie received on Monday to the number of emails Sophie received on Tuesday.  
Give your ratio in its simplest form.

.....  
(2)

On Friday, Sophie received 14 emails.

- (c) Show this information on the pictogram.

(1)

On Friday, 6 of the 14 emails Sophie received were from Kamil.

- (d) Write 6 as a fraction of 14  
Write your fraction in its simplest form.

.....  
(2)

- 3 The pictogram gives some information about the number of parcels delivered by a delivery company on each of five days last week.


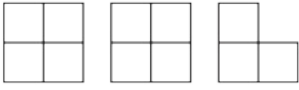

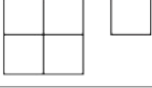
<b>Monday</b>	
<b>Tuesday</b>	
<b>Wednesday</b>	
<b>Thursday</b>	
<b>Friday</b>	

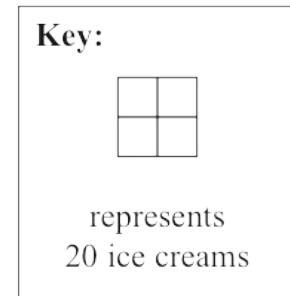
On Monday, the delivery company delivered 20 parcels.

Work out the total number of parcels delivered by the delivery company on these five days.

.....  
 (Total for Question 3 is 4 marks)

- 1 The pictogram shows information about the number of ice creams Sandeep sold on each of four days last week.

<b>Monday</b>	
<b>Tuesday</b>	
<b>Wednesday</b>	
<b>Thursday</b>	
<b>Friday</b>	



- (a) How many ice creams did Sandeep sell on Thursday?

.....  
(1)

Sandeep sold 30 ice creams on Friday.

- (b) Complete the pictogram to show the number of ice creams Sandeep sold on Friday.

(1)

- (c) On which day was the least number of ice creams sold?

.....  
(1)

- (d) Work out the total number of ice creams Sandeep sold last week.

.....  
(2)

- 2 The pictogram shows information about the number of text messages Colin sent on each of four days last week.

<b>Monday</b>	
<b>Tuesday</b>	
<b>Wednesday</b>	
<b>Thursday</b>	
<b>Friday</b>	

**Key:**

represents 8 text messages

- (a) How many text messages did Colin send on Tuesday?

.....  
(1)

- (b) Work out the total number of text messages that Colin sent on the four days from Monday to Thursday last week.

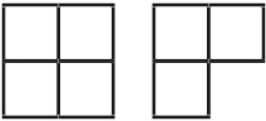
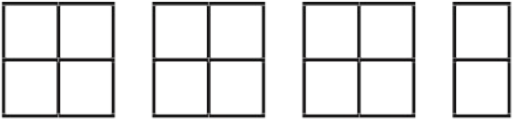
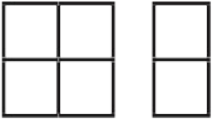
.....  
(2)

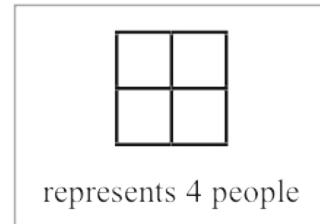
On Friday, Colin sent 26 text messages.

- (c) Show this information on the pictogram.

(1)

- 4 40 people were asked to name their favourite type of holiday.  
The pictogram gives information about the number of these people who said each of City Break or Beach or Walking.

<b>City Break</b>	
<b>Beach</b>	
<b>Walking</b>	
<b>Cruise</b>	
<b>Skiing</b>	



- (a) How many of these people said Beach?





.....  
(1)

4 people said Cruise.  
9 people said Skiing.

- (b) Show this information on the pictogram.

(2)

- 3 The pictogram shows information about the number of loaves of bread sold in a bakery each day from Tuesday to Friday last week.

<b>Monday</b>	
<b>Tuesday</b>	
<b>Wednesday</b>	
<b>Thursday</b>	
<b>Friday</b>	

**Key:**  represents 6 loaves of bread

- (a) How many loaves of bread were sold on Friday?

.....  
(1)

The total number of loaves sold in the bakery from Monday to Friday last week was 66

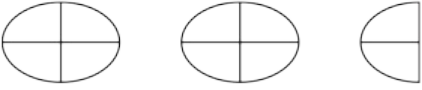
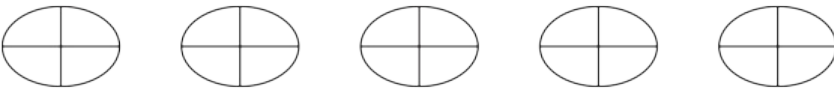
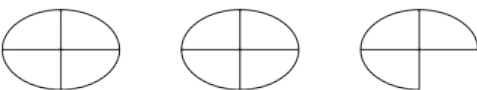


- (b) (i) Work out the number of loaves sold on Monday last week.

.....  
(2)

- (ii) Show this information for Monday on the pictogram.

(1)

2 The pictogram shows information about the total weight of potatoes grown last year in each of five countries.

<b>Bangladesh</b>	
<b>USA</b>	
<b>Germany</b>	
<b>Poland</b>	
<b>France</b>	
<b>The Netherlands</b>	

**Key:**  represents 4 million tonnes of potatoes

The pictogram shows one country where the total weight of potatoes grown last year was 20 million tonnes.

(a) Which country?

.....  
(1)

Last year, the weight of potatoes grown in The Netherlands was 6 million tonnes.

(b) Show this information on the pictogram.

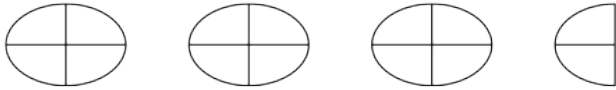
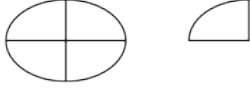
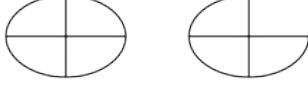

(1)

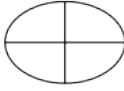
(c) Work out the total weight of potatoes grown in Germany **and** in France last year.

..... million tonnes  
(2)

3 Peter owns boarding kennels for dogs.

The pictogram shows information about the number of dogs that were at the kennels each day from Monday to Thursday last week.

<b>Monday</b>	
<b>Tuesday</b>	
<b>Wednesday</b>	
<b>Thursday</b>	
<b>Friday</b>	

**Key:**  represents 8 dogs

(a) How many dogs were at the kennels on Monday?

.....  
(1)

18 dogs were at the kennels on Friday.

(b) Show this information on the pictogram.



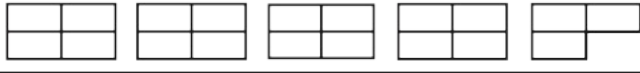
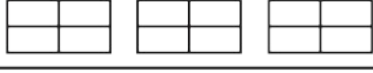
(1)

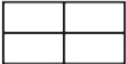
Peter gave each dog 2 biscuits each day.

(c) Work out the total number of biscuits that Peter gave the dogs during the five days from Monday to Friday last week.

.....  
(2)

- 2 The pictogram gives information about the number of parcels a company posted on each of four days last week.

<b>Monday</b>	
<b>Tuesday</b>	
<b>Wednesday</b>	
<b>Thursday</b>	
<b>Friday</b>	

 Represents 16 parcels

- (a) How many parcels were posted on Tuesday?

.....  
(1)

24 parcels were posted on Friday.

- (b) Show this information on the pictogram.

(1)

More parcels were posted on Wednesday than on Monday.

- (c) How many more?

.....  
(1)

- (d) Find the ratio

number of parcels posted on Monday : number of parcels posted on Thursday

Give your answer in its simplest form.

.....  
(2)