

Chapter 4 Data Organising information

Travelling to work: A survey

The 330 workers in a factory were asked how they travelled to work.


The following table shows the result of the survey.









	train	bus	car	cycle	walk
number of people	76	103	51	64	36

1. Round each number to the nearest 10.


nearest 10					
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2. Copy and complete this pictogram to represent the information.

Use the rounded numbers and let  represent 10 people.

	travelling to work
train	       
bus	
car	
cycle	
walk	

3. Answer these questions using the rounded numbers.

- (a) How many people walk to work?
- (b) How many more people use the bus than the car?
- (c) Do more than half of the people use any one means of getting to work?
- (d) The number of people who eat lunch in the factory canteen could be represented by 20 pinmen (). How many eat in the canteen?
- (e) The number of people in the factory who have mobile phones could be represented by 15 pinmen. How many do not have mobile phones?

Using a scale

The following pictogram shows the number of soft drinks sold in the Pitch and Putt Club Shop during one week.

Each can symbol  represents 5 cans.

1. How many cans were sold each day?
2. How many cans in total were sold during the week?
3. On which two days were the same number of cans sold?
4. How many more cans were sold on Saturday than on Sunday?
5. On which three consecutive days was a total of 100 cans sold?

Pitch and Putt Club Shop soft drinks sold	
Sunday	        
Monday	  
Tuesday	   
Wednesday	     
Thursday	   
Friday	        
Saturday	          

6. Which were the three best days for sales of soft drinks?
What reason would you give for this?
7. How many cans were sold in total on the other four days (the mid-week days)?
8. If each can was sold for 50c, how much money was taken on soft drinks during the week?

The above data may be shown on a bar chart.
Complete the chart on squared paper.

