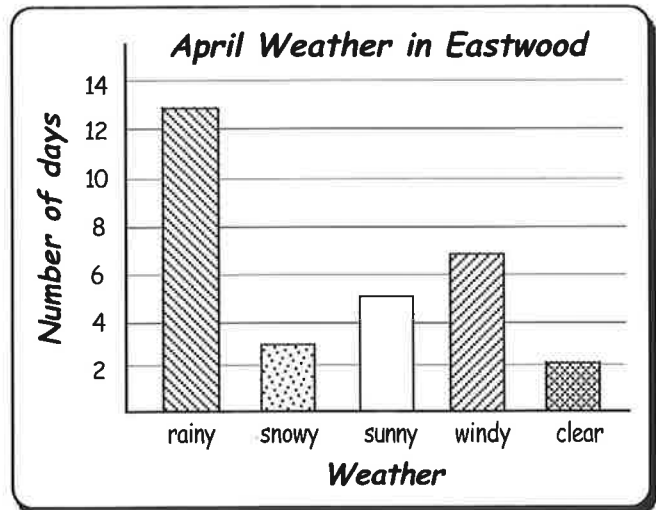


# CHAPTER 17



## Consolidation

1. The **bar graph** shows the typical April weather in Eastwood.
  - a How many days are :-
    - (i) rainy            (ii) sunny
    - (iii) windy        (iv) clear ?
  - b How many more rainy days than snowy days are there ?
  - c If there are 5 less rainy days and 5 more sunny days, how many sunny days will there be ?
  - d Does the graph cover all the days in April ? Explain.



2. A group of 54 pupils in a school were asked about their career choice - "what kind of job would you like to see yourself doing ?" Here's their answers :-

mechanic	nurse	plumber	plumber	joiner
nurse	nurse	joiner	nurse	nurse
joiner	mechanic	nurse	joiner	mechanic
teacher	plumber	teacher	mechanic	mechanic
plumber	nurse	plumber	nurse	nurse
nurse	plumber	nurse	joiner	plumber



- a Draw a **frequency table** to show this information with the use of **tally marks**.
  - b Draw and label a neat **bar graph** to represent this information.
3. Toni's Hot Dog Stand is tracking the number of hot dogs sold each day. The results are shown in the table.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10	30	45	35	20	50



Draw a neat labelled **line graph** to show this information.

4. A group of boys and girls spent a week at Big Oak Summer Camp. The pie chart shows their responses to being asked what bit they liked the best. It has been divided into 20 equal sectors.

- a What fraction does each sector stand for ?  
 b What fraction of those present liked :-  
 (i) Craft Work (ii) the Camp Fire ?  
 c There were 500 children at the camp. How many of them liked :-  
 (i) Horse Riding (ii) Canoeing ?



5. Shown are the prices for 2 cruise ships sailing in the Mediterranean Sea.

	October	November	December	January
Princess Bea	£1590	£1755	£1875	£1580
Ocean Lady	£1600	£1750	£1890	£1560

- a How much will it cost to cruise in the Med. on the Princess Bea in November ?  
 b If you want the cheaper cruise in December - which ship should you choose ?  
 c Ami Thomas paid £1750 for her cruise.  
 (i) Which ship did she sail on ? (ii) In which month did she travel ?  
 d Compare the December prices to the January prices. Suggest a reason for the reduction.



6. Here is an extract from a 2012 calendar, showing the month of October.

Sun	Mon	Tues	Wed	Thur	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

- a On what day of the week was September 30th ?  
 b What was the day and date 2 weeks after October 19th ?  
 c It was October 24th, 2 weeks after my birthday. What date is my birthday ?  
 d The week beginning 21st Oct. saw holiday prices rise. Why was this ?  
 e On what day of the week was Halloween ?  
 f On what day of the week in November was Guy Fawkes bonfire night ?

