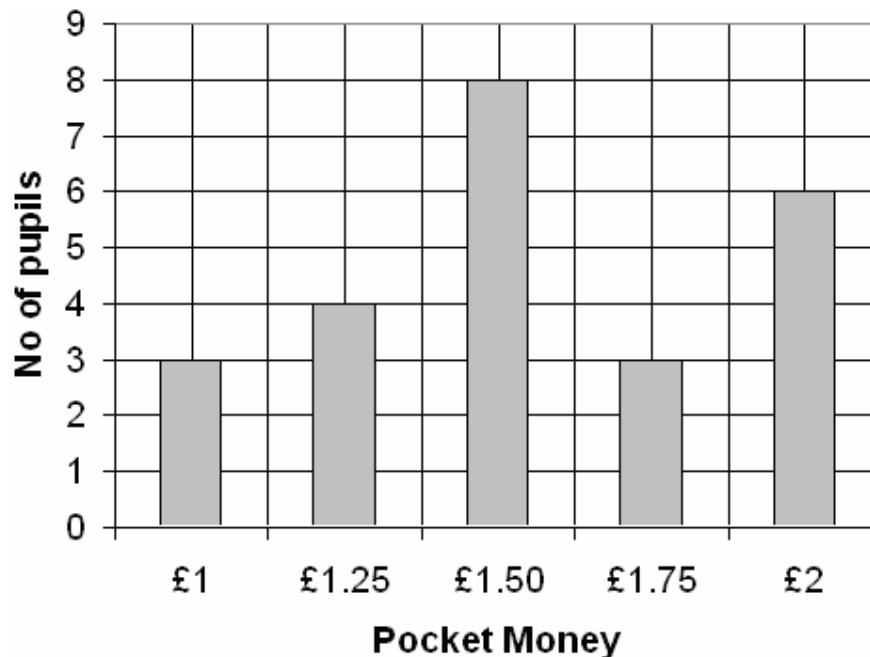


# Facts, Figures & Graphs

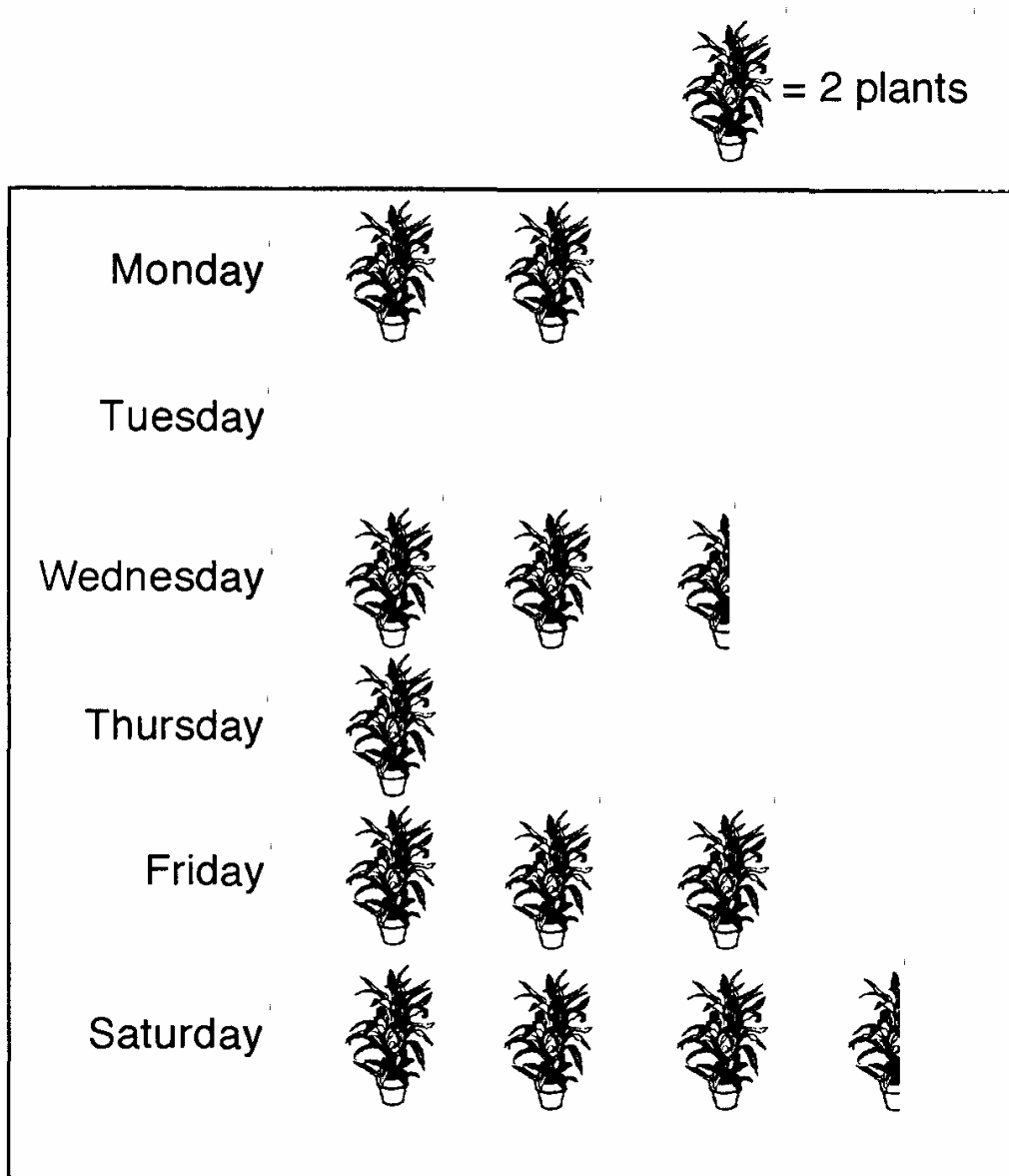


1. The bar graph shows the amounts of pocket money the members of class 1C receive each week. No pupil receives less than £1.



- a) How many pupils are there in class 1C?
- b) How many pupils receive more than £1.25?

2. This chart shows how many plants Betty sold on each day of one week in her garden centre.



Use this chart to answer the questions opposite.

a) Complete the table below:

| <b>Day</b> | <b>Number of Plants sold</b> |
|------------|------------------------------|
| Monday     |                              |
| Tuesday    |                              |
| Wednesday  |                              |
| Thursday   |                              |
| Friday     |                              |
| Saturday   |                              |

b) On which day were the most plants sold?


c) On which day were the least number of plants sold?

d) How many more plants were sold on Friday than on Monday?

e) How many plants were sold altogether?

3. A survey was carried out among some first year pupils to find out most popular school subjects. Here are the results for the six most popular subjects:

|           |    |         |    |
|-----------|----|---------|----|
| English   | 30 | History | 21 |
| Geography | 18 | French  | 23 |
| Maths     | 34 | Art     | 12 |

Represent this information in a pictograph, using the symbol  to represent 5 votes.

4. A number of people were asked which brand of margarine they usually bought.

Their answers were:

Star, Tops, Spready, Tops, Tops, Spready, Star, Star, Creamy, Star, Tops, Spready, Tops, Creamy, Star, Tops, Tops, Spready, Spready, Tops.

- a) Complete the table below to illustrate these results:

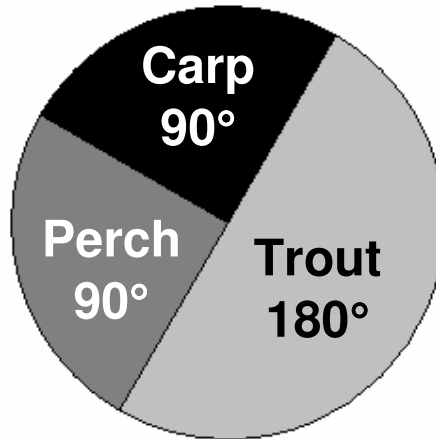
| Type of Margarine | Tally | Number |
|-------------------|-------|--------|
|                   |       |        |
|                   |       |        |
|                   |       |        |
|                   |       |        |
| TOTAL             |       |        |

- b) Which margarine is most popular?
- c) How many people took part in the survey?

5. This pie chart shows the three most common types of fish in a reservoir.

There are 648 fish altogether.

Find how many of each type of fish there are.

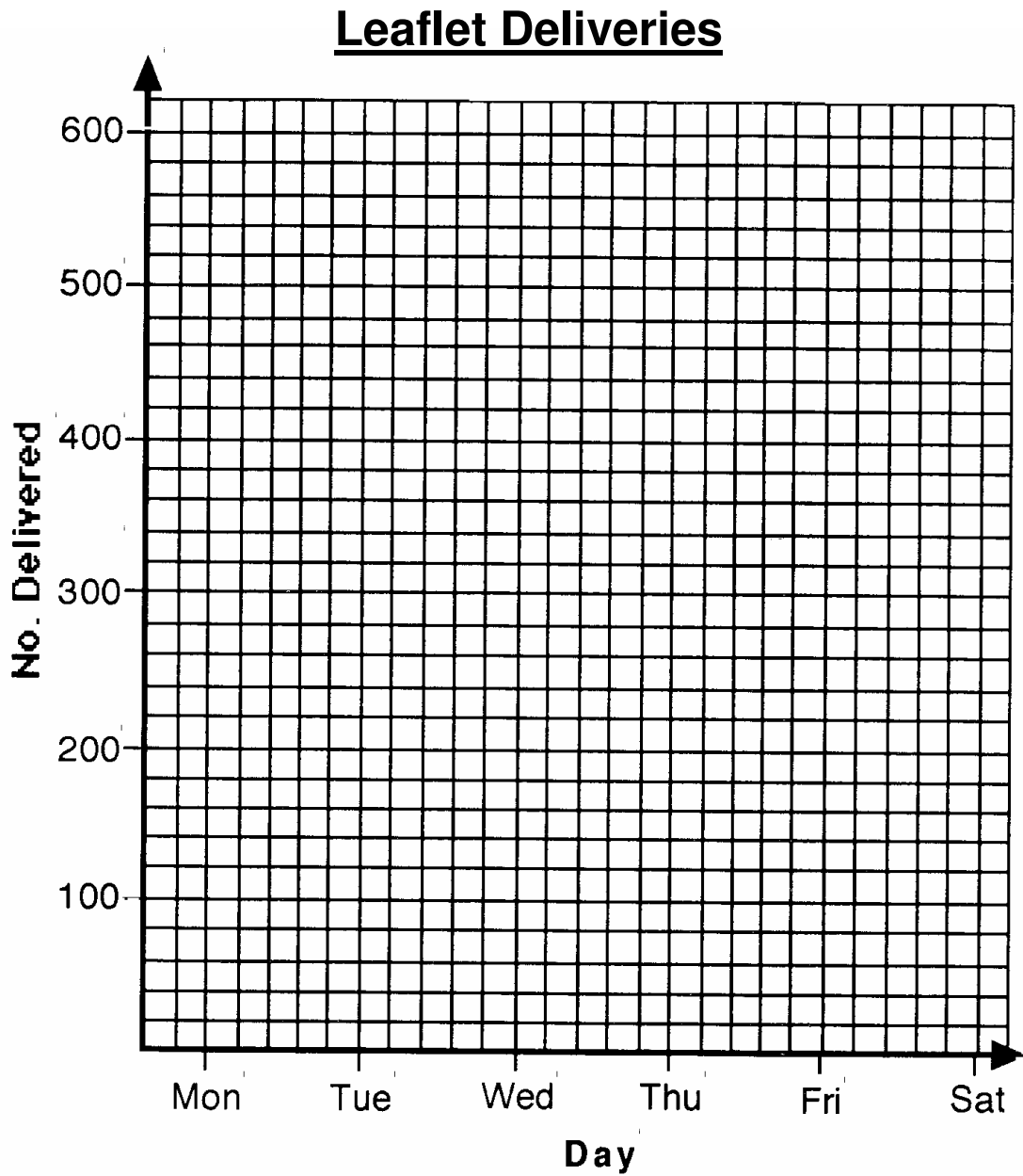


(3)

6. Two friends spent six days delivering leaflets to houses in their district. The total number they delivered each day is shown on the table.

| Day           | Mon | Tue | Wed | Thu | Fri | Sat |
|---------------|-----|-----|-----|-----|-----|-----|
| No. delivered | 380 | 600 | 440 | 160 | 520 | 300 |

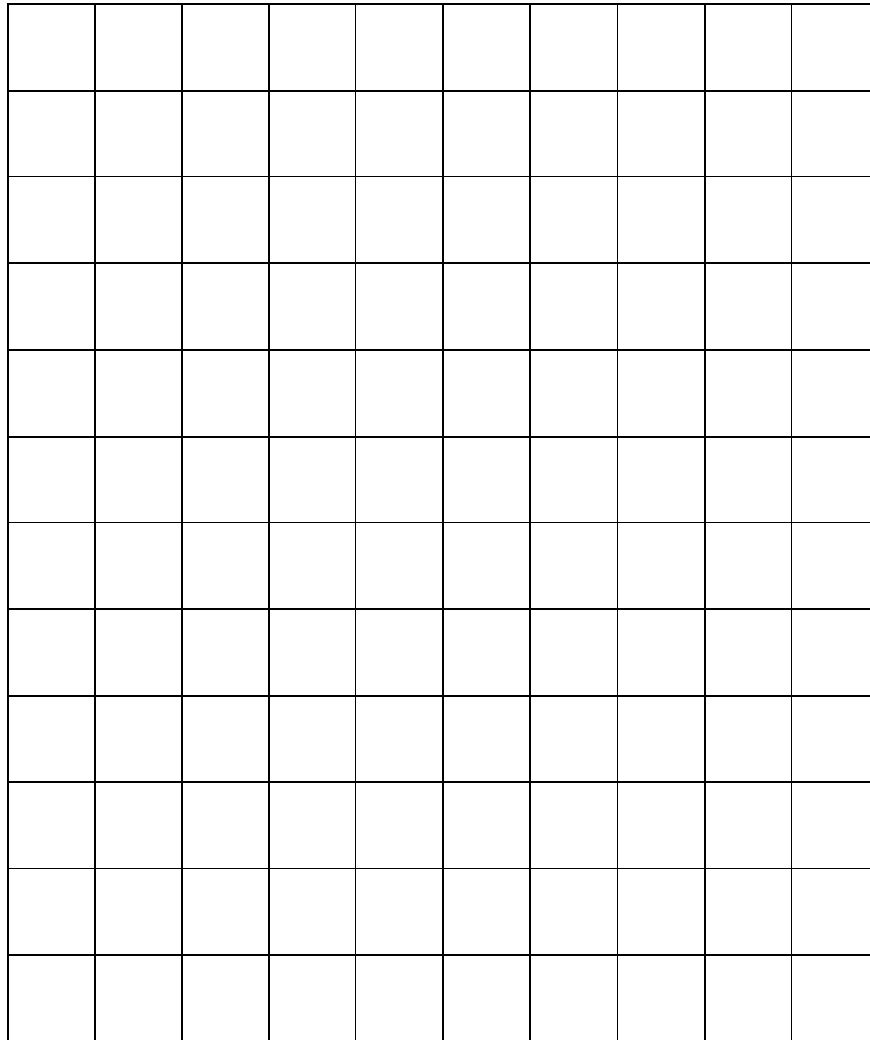
Display this information by completing the **line graph** below.



7. Sales of boxes of Colgate toothpaste in a chemist shop for the first six months of the year are shown below.

| Month             | Jan | Feb | Mar | Apr | May | Jun |
|-------------------|-----|-----|-----|-----|-----|-----|
| No. of boxes sold | 8   | 7   | 7   | 10  | 6   | 7   |

Show this information in a **line graph**, using the grid below.



8. The number of children who visited the library on each day of the week is shown below.

| <b>Day</b> | <b>Tally</b>         | <b>Number of Children</b> |
|------------|----------------------|---------------------------|
| Monday     | IIII                 |                           |
| Tuesday    | IIII III             |                           |
| Wednesday  | IIII III III         |                           |
| Thursday   | IIII III II          |                           |
| Friday     | IIII III III III III |                           |
| Saturday   |                      |                           |

- a) 24 children visited the library on Saturday.  
Draw the tally marks for Saturday.
- b) Complete the table above by filling in the number of children who visited the library on each day.
- c) Which was the most popular day for visiting the library?

- d) Which was the least popular day for visiting the library?
  
- e) How many more children visited the library on Friday than on Monday?
  
- f) How many fewer children visited the library on Tuesday than on Thursday?
  
- g) How many children visited the library altogether?

(11)

————— END OF HOMEWORK EXERCISE —————

[50]