

9 Charts and diagrams – Part 2

Name: _____ Class: _____ Date: _____

Vocabulary 词汇

Write each word three times. 把每个单词抄写三遍。

English	中文	Write it 3 times (English)
bar chart	条形图	_____
frequency	频数	_____
pictogram	象形图	_____
key	图例	_____

Recall

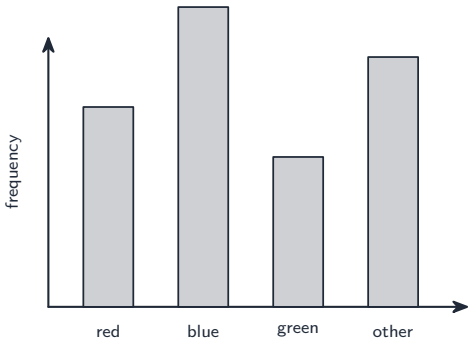
Charts show data as a picture, so it is easy to compare.

New ideas

Read these first, then do the Practice.

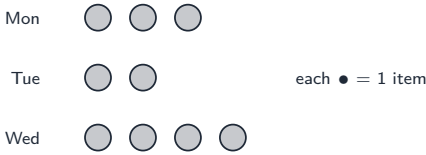
■ 1 Bar charts

A **bar chart** 条形图 shows the **frequency** 频数 of each group as a bar. The bars are the same width, with gaps between them:



■ 2 Pictograms

A **pictogram** 象形图 uses a symbol to stand for a number of items. A **key** 图例 tells you how many each symbol means:



Watch out: a **bar chart** shows the **frequency** as the *height* of each bar, with **gaps** between the bars. In a **pictogram**, always read the **key** to see how many each symbol stands for.

Practice

Try these in order.

9.6 In a bar chart, what does the height of a bar show? [1]

9.7 Are bar-chart bars drawn with gaps, or touching? [1]

9.8 In a pictogram, what tells you how many each symbol stands for? [1]

9.9 A pictogram uses $\bullet = 2$ people. How many people do $\bullet\bullet$ show? [1]

9.10 A bar reaches a frequency of 5. How many items are in that group? [1]

9.11 Challenge. A pictogram uses $\bullet = 4$ people. One row shows $\bullet\bullet$ and a half-symbol. How many people does that row show? [2]