9 Charts and diagrams – Part 2

Name: _____ Class: _____ Date: _____

Vocabulary

Write each word three times.

English	**Write it 3 times** (English)		
bar chart			
frequency			
pictogram			
key			

Recall

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

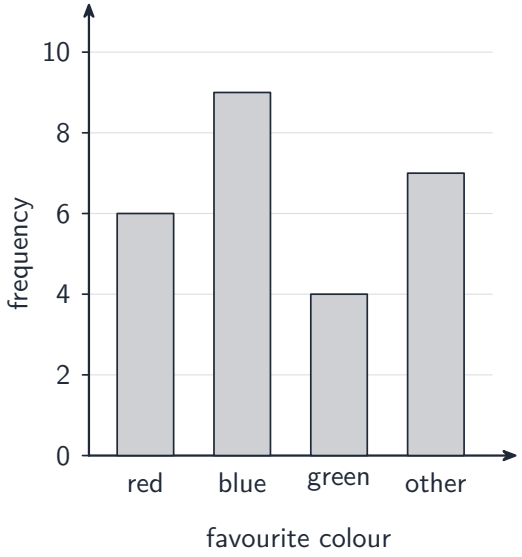
New ideas

Read these first, then do the Practice.

■ 1 Bar charts

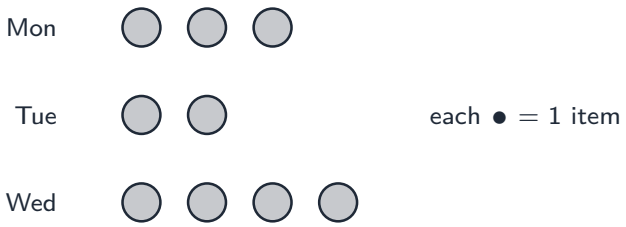
A **bar chart** shows the **frequency** of each group as a bar. The bars are the same width, with gaps between them:

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2 Pictograms

A **pictogram** uses a symbol to stand for a number of items. A **key** 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]

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

9.9 A pictogram uses • = 2 people. How many people do ••• 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 • = 4 people. One row shows ••• and a half-symbol. How many people does that row show? [2]

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