

Practice

- Here are the numbers of earthquakes for each year from 1974 to 2003 that registered 7 or more on the Richter scale: 21, 21, 25, 16, 18, 15, 18, 14, 10, 15, 8, 15, 6, 11, 8, 7, 12, 11, 23, 16, 15, 25, 22, 16, 12, 18, 15, 16, 13, 15
 - Choose an appropriate way to display the data. Explain your choice.
 - Display the data.
 - What conclusions can you draw from the display?

- Use the table.

- What is the range of the data?
The mean?
- Round these data to the nearest 100.
Then graph the rounded data.
Which type of graph did you choose to draw? Why?
- Which province has about double the number of police officers as British Columbia?
How does your graph show this?

Number of Police Officers in 2002

Province	Number of Police Officers
Nova Scotia	1 608
Quebec	14 368
Ontario	23 328
Alberta	4 999
British Columbia	7 106

- A group fitness test showed the number of curls each person could do in 1 minute:
30, 45, 25, 18, 15, 35, 27, 34, 26, 32, 43, 39, 29, 31, 43, 44, 26, 16, 20, 40, 44, 22, 27, 30, 36, 37
 - Calculate the mean.
 - Choose a suitable way to display the data.
Explain your choice.
 - Display the data.
 - What conclusions can you draw from your display?



- This graph shows the results of a student survey. Each student had one or no computer.
 - Write what the survey question might have been.
 - How many students were surveyed? Explain.
 - Write 2 things you know from this graph.

