

My fair share

Related outcomes

- N 2.4 (a): A student approximates, calculates and represents solutions to addition and subtraction problems involving two-digit numbers, using a variety of informal strategies including mental, written and calculator methods.
- N 2.4 (b): A student approximates, calculates and represents solutions to multiplication and division problems by using a variety of informal strategies.
- S 2.5: A student conducts simple surveys, organising, displaying and interpreting them using column graphs.
- WM 2.3: A student represents, interprets and explains mathematical situations using everyday language with some mathematical terminology, including simple graphs and diagrams.
- VA 14: A student appreciates how mathematics is used in a range of aspects of society.

Possible indicators

A student can:

- use strategies to complete subtraction and multiplication problems
- construct a column graph and interpret information presented in a column graph.

Syllabus links

Working mathematically	Problem solving (pp 20-37)
Space	Graphs 4
Number	Money 7
	Multiplication 9
	Subtraction 11, 12

Teaching activity

1. As a class, discuss why we have “shares”. What terms are used in the stocks and shares pages (e.g. buy and sell)?
2. As a class, examine a business page of a newspaper which refers to stocks and shares and draw out its features.
3. In pairs, students use daily newspapers to investigate the stocks and shares of a particular company.
4. For two weeks, students track the selling price of a share for their chosen company by examining the “sell” column each day.
5. Students record the results in a column graph and write a report which reflects the trend of the shares over the two weeks.
6. The profit or loss on one share, from the beginning to the end of the two weeks, is calculated. This information is then used to determine profit or loss on, say, 100 shares.
7. As a class, compare companies’ shares to determine which increased the most over the two weeks. Which decreased the most?

Language

profit, loss, buy, sell, shares, dollars, cents, money