

Expensive name

Related outcomes

- N 2.1 (a): A student counts, compares and orders whole numbers up to 9999 and represents them in symbols and words, stating the place value of any digit.
- 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 2.5: A student uses number skills to solve real life problems (whole numbers only).
- WM 2.2: A student uses one or more strategies to solve mathematical problems.

Possible indicators

- A student can:
- add various amounts of money
 - round up or down to the nearest five cents
 - use multiplication and addition skills appropriately.

Syllabus links

Working mathematically	Problem solving (pp 20-37)
Number	Money 4
	Multiplication 9
	Addition 7
	Numeration 12

Teaching activity

1. An engraver charges 10c per letter for the first four letters of any engraving, then 5c per letter for the next eight letters, then 1c per letter for any number of letters thereafter.
2. Students work out how much it would cost to engrave their names.
3. Using the prices per letter above, students write a short message that is to be engraved on a plaque. They are allowed to spend \$2 on the engraving.
4. Discussion regarding rounding up or down to the nearest 5c will need to be included.

Language

how much, total cost, per, rounding up, rounding down