

# More money

## Related outcomes

- WM 2.1: A student poses questions or problems about mathematical situations.
- WM 2.2: A student uses one or more strategies to solve mathematical problems.
- 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.
- N 2.5: A student uses number skills to solve real life problems (whole numbers only).
- VA 7: A student shows willingness to take risks when working mathematically.

## Possible indicators

A student can:

- complete calculations using addition and subtraction strategies
- count on, using tens, twenties or fifties to calculate answers
- use repeated addition to solve multiplication problems
- use repeated subtraction to solve division problems
- make an appropriate choice between addition, subtraction, multiplication, and division to solve problems
- use number facts in mental calculation
- use coins to find a total amount
- write a problem about money.

## Syllabus links

<b>Working mathematically</b>	Communicating, Problem solving, Using technology (pp 20-37)
<b>Number</b>	Money 3 Addition 6 Multiplication 9

## Teaching activity

1. Present students with a money problem such as: "You have 6 x 5-cent pieces, 5 x 10-cent pieces and 4 x 20-cent pieces. How many different ways can you find to make up \$1.00, using the coins?"
2. For those students experiencing difficulties, provide cut-out copies of the five-, ten-, twenty-, and fifty-cent coins from Worksheet 1.
3. Students record each of their solutions on separate strips of paper and present one to the class.

## Extension

4. Ask students to write other money problems for another student to solve, for example, *Using only six coins, make a total of 80c*. Check the solutions before students ask others to solve them.

## Language

money, coins, value, total, how many, cents, one dollar

## Equipment

cardboard or paper strips, scissors, Worksheet 1: *Drawings of coins*



