## Mathematics

## Calculations with variables

## Downloadable Resource

Mr Maseko

## Try this

What number could Yasmin be thinking of if her final answer is between:
a) 50-100
b) 100-150
c) $240-260$


> I think of a number. I divide my number by 2 , then add 6 and finally multiply by 4.

How else could you express Yasmin's statement?

Hint: try different starting numbers and see what you get.

## Connect

Expressing Yasmin's statement

I think of a number. I
divide my number by 2 , then add 6 and finally multiply by 4.


## Connect

Show Cala's statement on a function machine then
write a matching calculation.


## Independent task

Which of the calculations match Antoni's statement? For those that don't, write a correct matching statement.


## Explore

For each of the following calculations write a matching "think of a number" statement.

$$
7 \times x+2
$$

$$
(7+x) \times 2
$$

$7+2 \times x$

$$
7 \times(x-2)
$$

$$
2 \times x-7
$$

$$
7 \times(x+2)
$$

