

Mathematics

# Forming and solving equations

## Forming and solving equations from descriptions

### Downloadable Resource

Mr Langton



# Forming and solving equations from descriptions

I think of a number.  
I multiply it by 5 and then add 7.  
The answer is 22.  
What number was I thinking of?

Xavier thinks of a number.  
Five times that number, taken away from 21  
leaves 7.  
What number was Xavier thinking of?

Antoni is  $a$  years old.  
Binh is three years older than Antoni.  
Cala is twice as old as Antoni.  
The total of their ages is 51.  
  
How old is each person?

A bottle and a cork cost £1.50.  
The bottle costs £1 more than the cork.  
How much does the bottle cost?

