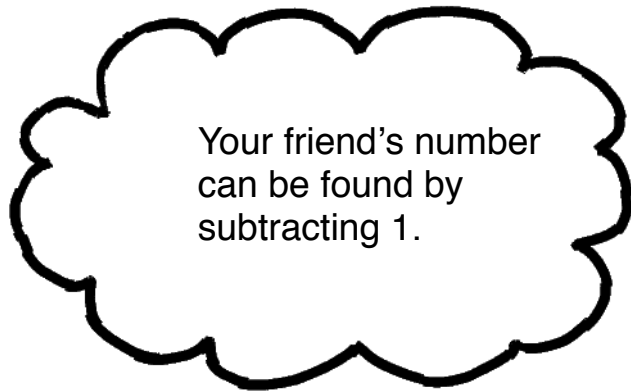


It's magic

Ask a friend to follow your instructions:

Think of a number
Add 4
Multiply by 3
Subtract 9
Divide by 3
Tell me your answer



Now try these:

Think of a number
Add 4
Multiply by 8
Subtract 5
Add on your number
Divide by 9
Tell me your answer

Think of a number
Subtract 3
Multiply by 2
Add 2
Divide by 2
Tell me your answer

What is the relationship between the number you thought of and the final answer in these two examples?

Is it always the same?

Add-on

See if you can work out how this works.
Make up some more of your own.