## 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	f a number
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Add 4

Multiply by 8

Subtract 5

Add on your number

Divide by 9

Tell me your answer

Think of a number

Your friend's number

can be found by subtracting 1.

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 aways the same?

## Add-on

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

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