## How does it work?

Mystify your friends by always knowing the number they thought of.
Ask your friend to follow the steps carefully.

| Think of a number |
| :--- |
| Add 10 |
| Multiply by 2 |
| Subtract 5 |
| Add 3 |
| Add the number you first thought of |
| Divide by 3 |
| Tell me your answer |

You can always work out their first number quickly by subtracting 6.
They will be amazed!
Here's another magical calculation.

| Think of a number |
| :--- |
| Add 3 |
| Multiply by 4 |
| Subtract 8 |
| Divide by 4 |
| Tell me your answer |

The number your friend thought of is always 1 less than the answer.

## EXTRA!

Try this puzzle.


Can you see how it works?

