

1 I KNOW YOUR NUMBER



- 1 Toss a coin.
The person who calls the correct side reads the instructions.
- 2 The other player follows the instructions and writes down the result of each step.
Do not let the reader see what has been written.

Puzzle Instructions

- 1 Choose a number from 1 to 10
- 2 Multiply by 2
- 3 Add 6
- 4 Subtract 2
- 5 Divide by 2
- 6 Subtract the original number
- 7 The number you are thinking of now is 2

- 3 Swap roles and play again.
- 4 Play the game with a number from 10 to 20.
- 5 Together, work out why you always get the same answer.

Challenge

Can you create a similar puzzle that always ends with a 4?

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