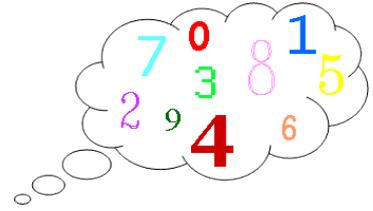


THINK OF TWO WHOLE NUMBERS

Here is an alternative and more unusual version of the “Think of a Number” trick that you may have heard of before.



Think of two whole numbers under 10.
Take one of them and add 1.
Multiply by 5.
Add 1 again.
Double your answer.
Subtract 1.
Add your second number.
Add 2.
Double again.
Subtract 8.
Halve this number and tell me your answer.

From your answer I can work out both your numbers very quickly.

How?

Choose some different pairs of numbers and repeat the process.

Can you find a good explanation of how the trick works?

HELP

Try this with different pairs of numbers and write down the answers you get at every step.

Think about the 2 numbers and the final answer each time.

What do you notice?

That could be the key to how the trick works.

NEXT

Make up a puzzle of your own involving 2 numbers.

Try your trick on other people. Can you astonish them with your mathemagic?

Challenge them to find out how it works if they say it is a trick.