

memory TRICK

This is a great way to improve your memory and impress your friends at the same time! Write the numbers below on separate pieces of card and ask a friend to look at them for 20 seconds. Then turn

the cards over and ask your friend to recall the numbers in the same order they appeared in. Do you think your friend will be able to do it? Do you think you'll be able to do it?

1 2 3

4 0 1

2 7 9

8 1 6

6 5 9

9 5 6

Your friend will probably guess the first two or three cards correctly, but after that, they will probably get confused.

Your friend will be amazed when you recall the numbers and all you need to do is think '1, 2, 3' for the first card - simple. Then 4 because 4 comes after 3. Then start counting again from zero to 2 (0, 1, 2). 7 and 9 are the last odd numbers below 10, and so the third card is remembered as 279.

The number that comes before 9 is 8 and 8 doubled makes 16 so that's the fourth card remembered.

The next card is the hardest one and begins with the last digit from the previous card, 6. 59 is the only number you need to remember because the last card is 956 which is 659 backwards.

Once you've learnt the links between each card, you should be able to memorise the numbers and astound your friends!

HINT

When you are looking at sequences of numbers, always look for patterns that may help you remember the numbers. For example you could look for prime numbers, square numbers, odd numbers or if there are any relationships between the numbers.

make it a DATE

With this next trick you can work out the exact date of an important event, for example, a birthday, and all you need is a calculator.



I'm going to work out when your birthday is.

I bet you can't work out when it is!



Lisa hands Eddie the calculator and without looking, she tells him to type in the number of the month his birthday is in. For example, January is the first month and that's the month Eddie's birthday is in so he types in 1.

Lisa: "Multiply that number by 5."
 $1 \times 5 = 5$

Lisa: "Add 6."
 $5 + 6 = 11$

Lisa: "Multiply the answer by 4."
 $11 \times 4 = 44$

"Add 9."
 $44 + 9 = 53$

"Multiply the answer by 5."
 $53 \times 5 = 265$

"Add the date of your birthday."
Eddie's birthday is on the 24th January so he types in:
 $265 + 24 = 289$

"Lastly add 700."
 $289 + 700 = 989$

At this point, Lisa takes the calculator from Eddie and subtracts 865 from the number that is on the display.
 $989 - 865 = 124$

The first digit (or digits) tells Lisa what month Eddie's birthday is in. Here it is 1, so she knows his birthday is in **January**. The last digits tell Lisa that it is the **24th** of January. She has correctly guessed Eddie's birthday!

Try this trick out on your friends!