

# MY SUMMER WORK

MATHS MAGIC



**NSCG**

NEWCASTLE  
AND STAFFORD  
COLLEGES GROUP

# TASK

- Your task is to have fun with maths!
- Have a go at some of the ‘magic tricks’, test them out on your family and friends.

## USEFUL LINKS & RESOURCES

- You will find our contact information on the last slide.

Have fun!

# Maths Magic

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“IT’S MAGIC, UNTIL YOU UNDERSTAND IT. THEN IT’S MATHEMATICS.”

# Maths Magic 1 –What’s your age and house number?

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Write down your house number

1. Double it
2. Add the number of days in a week
3. Multiply by 50
4. Add your age
5. Subtract the number of days in a year (not a leap year)
6. Add 15

The answer is your house number and age

Can you explain how this works?



# Maths Magic 2 - What's your age and phone number?

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1. Take the last number of your mobile phone
2. Multiply it by 2
3. Add 5
4. Multiply by 50
5. Add your age
6. Add 365
7. Minus 615



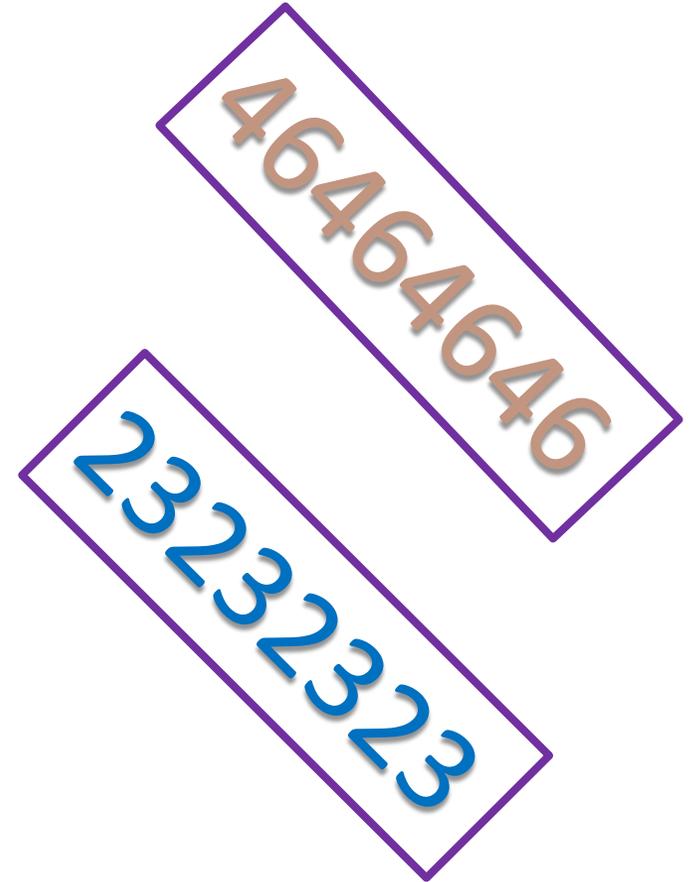
The answer is your age and the last number of your mobile phone

# Maths Magic 3 — your age

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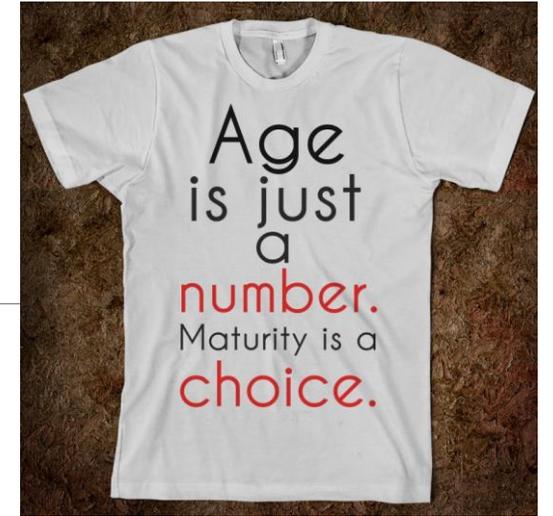
1. 13837 multiply by your age
2. multiply by 73

Answer — your age repeated 4 times



# Maths Magic 4 — your age

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1. Ask the person next to you to multiply the first number of their age by 5
2. Add 3
3. Double it
4. Add the second number of their age to the figure and have them tell you their answer
5. Deduct 6 and you can tell them their age.

# Maths Magic 5 — answer is always 3

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1. Think of any number
  2. Double it
  3. Add 6
  4. Half it
  5. Subtract the original number
- Your answer is: 3

## GET IN TOUCH

FOR ANY HELP OR COURSE  
INFORMATION PLEASE EMAIL:

[nc.foundation@nscg.ac.uk](mailto:nc.foundation@nscg.ac.uk)

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