



## Maths

**Impress your family with this maths magic trick that lets you work out their shoe size and age!**

Give the person a piece of paper and a pencil and ask them to do the following calculations without showing you:

1. Write down your age.
2. Multiply it by one-fifth of 100.
3. Add on today's date (e.g. 16 if it's the 16th of the month).
4. Multiply by 20% of 25.
5. Now add on your shoe size (if it's a half size round to the next whole number).
6. Finally subtract 5 times today's date.
7. Show me your final answer!



Now look at their answer. If, for example, somebody shows you 1105, that means there are 11 hundreds. This is their age. The remaining digits 05 (or 5) show their shoe size.

**Challenge** - Can you explain why this trick works?

## English

You know one of my favourite topics of conversation is food! 😊 So today...

**Think about your favourite meal.**

What do you like about it?

How would you describe it to someone who has never tasted it?

Think of its appearance, how it smells and what it tastes like.

Think about what makes the meal special.

Your task is to write a description of your favourite meal for someone who has never tasted it.

Create descriptions involving different senses: appearance, taste and smell.



**Challenge** – Create a slogan to advertise your meal.

## P.E

Think of a sport or game that you enjoy.

**Write a description of the game for someone who does not know it.**

You should include details of the amount of players involved, the playing area (e.g. pitch), the rules that have to be followed and what needs to be done to win. Include a diagram to enhance your description.

You can also mention why you like the activity and any advice or hints that you would give to people trying it for the first time.

**Challenge** – Can you think of small changes that could be made to the game to keep it interesting?

