

# MATHS FUN

The history of mathematics is nearly as old as humanity itself! Whether you love, hate or have a love hate relationship with maths it is no surprise that it is fundamental to science, engineering, and philosophy.

Maths is everywhere we look! Want to bake a cake? You need maths. Deciding what yummy treat to buy, you'll need maths. Counting how long you have until you have to go to bed? Yep you guessed it, you need maths! So let's get that mathematical brain of yours working with some fun facts and good old arithmetic.

## HISTORY AND FACTS

It is believed that Ancient Egyptians used complex mathematics such as algebra, arithmetic and geometry as far back as 3000 BC, to work out the area of circles.

The symbols used for addition (+) and subtraction (-) have been around for thousands of years but it wasn't until the 16<sup>th</sup> century that most mathematical symbols were invented. Before this time math equations were written in words, making it very time consuming.

## TIPS AND TRICKS

If maths is not your strong point then do not fret! Here we have come up with some great ways you can help improve your ever growing mathematical mind!



### Four Times Table

4	×	1	=	
4	×	2	=	
4	×	3	=	
4	×	4	=	
4	×	5	=	
4	×	6	=	
4	×	7	=	
4	×	8	=	
4	×	9	=	
4	×	10	=	

## POSTERS GALORE!

We don't mean hanging posters in every section of your house because that wouldn't very pretty would it. A great place to hang times tables, telling the time and division posters are behind the toilet door, on the inside of your wardrobe door and even on the outside of your shower. You will be surprised how well this works.

## SKIP COUNTING

Skip counting is where you count by 2s, 5s, 10s and so on. You will start to familiarise yourself with different patterns and the numbers themselves.

## DICE

Dice can be a great way to learn how to quickly add and subtract numbers. Find yourself two dice and roll them at the same time. Choose the numbers that are both facing up and figure out what they equal when added together. Start off slow; then increase your speed as you get more confident. You can even play against your friends and family.

## SILLY MATHS FACTS

The most popular favourite number is 7.

The word hundred is derived from the word "hundrath", which actually means 120 and not 100.



A French word for pie chart is "camembert".

In a room of just 23 people there's a 50% chance that two people have the same birthday.

Zero is an even number.

## MATHS JOKE

Think of a number between 0 and 20. Add 32 to it. Multiply by 2. Subtract 1. Now close your eyes. *Its dark isn't it.*

## MIND BLOWN

Think of a number. Double it. Add six. Half it. Take away the number your started with. Your answer is three!



## RIDDLE TIME!

Q: If two's company and three's a crowd, what are four and five?

Q: Garry has one cow, three birds, one cat and one fish. How many legs do they have all have?



Answers: A: 4 + 5 = 9. A: 16 legs. 4 each for the cat and cow, and 2 each for the three birds and Garry.

## CAN YOU SOLVE THESE PROBLEMS?

Q1: There were 46 balls on the playground. 20 were soccer balls and 15 were basketballs. The rest were tennis balls. How many were tennis balls?

Q2: If Tom can cut a log into 3 pieces in 6 minutes, how long will it take him to cut a similar log into 12 pieces?  
a. 24 minutes  
b. 30 minutes  
c. 33 minutes

Q3: How many different combinations of hot chocolate can you make? You must include one item from each category.

## MENU

### Flavour

- White chocolate
- Dark chocolate
- Milk chocolate

### Topping

- Whip cream
- mini marshmallows
- large marshmallows.

### Sprinkle

- Chocolate sprinkles
- Cinnamon.

