

Did You Know?

Mathematics can be fascinating and magical. Discuss and explore these interesting examples.

The idea of **numbers** and **counting** goes back a long way in history. Some historians suggest that humans were counting as far back as **50,000 YEARS AGO!**

FOUR is the only number that is spelt with the same number of letters as its value (4).

There are lots of different languages used around the world. **See if you can learn to count to 10 in a different language.**

9 is known as the **MAGIC NUMBER**. If you multiply a number by 9 and add together the digits of the answer until you get a single digit number, this will always be 9. For example: $11 \times 9 = 99$, $9+9 = 18$, so $1+8 = 9$.

Have a go yourself ...

If you add two even numbers together, the answer will also be even!

What happens when you add two odd numbers together?

FORTY is the only number that is spelt with letters arranged in **alphabetical order**.

Take a look at this **MAGICAL** calculation ...

$$111 \times 111 = 12321$$

The numbers on opposite sides of a dice always add up to seven.

$$12 + 3 - 4 + 5 + 67 + 8 + 9 = 100$$

Can you find another calculation to make the answer 100 using the numerals 1 to 9 in order?