



MR CLEAR'S CUNNING CONUNDRUMS

Different digits

This conundrum was written on 7th October, 2011. If that date was written in dd/mm/yy format it would be 07/10/11. This is made up of two 0s, three 1s and a 7. My date of birth is 9th May 1976, which would be 09/05/76. This is made up of two 0s, a 5, a 6, a 7 and a 9.

When is the next date (after today) when *all* the digits in a date written in this format are *different*?? The digits are the single numbers.

A prize will be awarded to the first correct answer from years 7 and 8; a prize will also be awarded to the first correct answer from years 4, 5 and 6. Parents are very welcome to email too, pclear@clifton-college.avon.sch.uk (no prizes I'm afraid!)

Closing date is Friday 4th November

It has been a while..... Solution

It has been many seconds, minutes, days and weeks since Mr Clear started the Cunning Conundrums, in fact it has been a whole year. Can you tell him though; are there more seconds in week, or more minutes in a year?

If you say that there are m minutes in a week, then there are $60m$ seconds in a week; there are $52m$ minutes in a year. $60m$ is bigger than $52m$, so there are more seconds in a week, than minutes in a year. Well done to Harley Phillips in year 7 and Kate Elliott in year 6, who were chosen from the correct answers.

