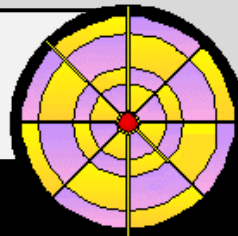


The Daily Rigour

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Your free weekly numeracy newspaper!

The New Year starts off with a Fibonacci date!

The year 2023 has started off with a mathematical bang - from a certain point of view! Today's date is in the form of a Fibonacci sequence when written in the form d/m/first digit of year/second digit of year.

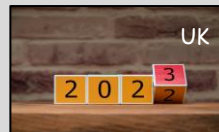
A Fibonacci sequence follows the rule that each number is equal to the sum of the preceding two numbers.

Using the format above, today's date can be written as the sequence 1, 1, 2, 3, ...

Let's suppose the date could now be written in the form:

d/m/first digit of year/second digit of year/minutes/hours.

At what time of day would the date still be a Fibonacci sequence?



Top baby names in Scotland 2022 have been revealed

A baby boy called Dominic was born in the Ayrshire Maternity Unit at 12:06, making him the first Scottish baby of the New Year. Coming in a close second was a yet to be named boy born, at 12:11, in Glasgow's Princess Royal Maternity Hospital.

Keeping with this theme, the top 5 girls and boys names in Scotland for 2022 have been revealed.

CHALLENGE

We have given you some maths clues to help. The answer to each maths question corresponds to the letter of the alphabet of the first letter of each name.
e.g. a = 1, b = 2, c = 3, etc.

How many girls and boys names can you work out?

Top 5 girls names

1. 3×5 _ _ _ _ _

2. $\sqrt{25}$ _ _ _ _ _

3. 3^2 _ _ _ _ _

4. $\sqrt{36}$ _ _ _ _ _

5. $10 \div 2$ _ _ _ _ _

Top 5 boys names

1. $\sqrt{100}$ _ _ _ _ _

2. 2×7 _ _ _ _ _

3. 3×4 _ _ _ _ _

4. $18 - 3$ _ _ _ _ _

5. 2^3 _ _ _ _ _



Argentina's Central Bank considering putting Lionel Messi on banknotes after World Cup win

Argentina's financial governing body are considering immortalising World Cup

winner Lionel Messi by putting his face on a 1000 peso note, according to reports.

What is the value of a 1000 peso note in pounds and pence?



Current exchange rate:

£1 = 214.67 pesos



Cristiano Ronaldo joins Saudi Arabian side Al Nassr until 2025

Cristiano Ronaldo has joined Saudi Arabian side Al Nassr on a deal that runs until 2025.

The 37 year old says he is "eager to experience a new football league in a different country".

Ronaldo will reportedly receive the biggest football salary in history at £177m per year.

If this report is true, how much will Cristiano earn;

- (a) per month?
- (b) per week?
- (c) per day?
- (d) per hour?
- (e) per minute?
- (f) per second?

