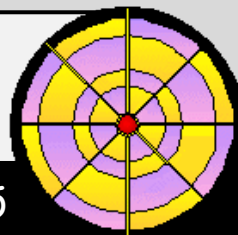


# The Daily Rigour



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Your free weekly numeracy newspaper!

## Distance runner smashes 100 mile record on the treadmill in lockdown

A distance runner trapped in lockdown decided he'd take on the challenge of attempting to break the world record for running 100 miles on a treadmill.

He managed to break the record in just 12 hours and 9 minutes - stopping only to go to the toilet and eat a bag of crisps!

Calculate his average speed for the duration of his 100 mile run.



## Queen holds six Guinness World Records

The Queen has racked up an impressive six Guinness World Records during her 67 year reign.

The Queen became the Wealthiest Queen back in 2012, when a newspaper estimated her wealth at £310 million. She also holds the record for most countries to be Head of State of simultaneously.

She also has the record for most currencies featuring the same individual, as her face is used on the coinage of 35 countries.

She holds two records for being the longest ever reigning monarch in history - one for living and one for of all time. Her final World Record is for being the oldest British Queen in history.

Now back to Maths!

The number  $\pi$  (3.14 to 2 decimal places) is a mathematical constant. It is defined as the ratio of a circle's circumference to its diameter.

The most decimal places of  $\pi$  memorised is 70 000, and was achieved by Rajveer at the VIT University in Vellore, India, on the 21<sup>st</sup> of March 2015.

She wore a blindfold throughout the entire recall, which took nearly 10 hours.

How many digits of  $\pi$  can you memorise? Be sure to let us know on Twitter or Facebook!



## Bees thriving during lockdown as pollution plummets across UK

The environmental benefits of the coronavirus lockdown have allowed bees to thrive, according to Britain's biggest bee farm.

Britain's largest bee farm currently has 4000 hives, each filled with around 50 000 bees.

(a) How many bees are in Britain's largest bee farm? Give your answer in WORDS.

But did you know that bees are surprisingly good at numeracy???



A study found that bees could discriminate a value of one from zero with moderate ability, and that success increased when higher values were compared to zero.

How well do you understand zero? Try and answer the questions below, Will you answer them all correctly or will you get NOTHING?

(b)  $6 + 0$

(c)  $0 \times 4$

(d)  $7 \div 0$

## Watching Netflix saves people days each year

One of the core appeals of Netflix is that users aren't subjected to adverts.

Traditional networks run roughly 18 minutes of adverts each hour and, last year, Netflix said that its average user spends two hours per day watching content.

How long do Netflix save the average user from watching adverts per year?

Give your answer in days and hours.

