The Daily Rigour

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Your free weekly numeracy newspaper!

UK celebrates the Queen's Platinum Jubilee

The Platinum Jubilee was celebrated this weekend across the United Kingdom and the Commonwealth of Nations to mark the 70th anniversary of the accession of Queen Elizabeth II to the throne.



The day after the date of this newspaper is 70 years and 4 months since Elizabeth II was actually crowned Queen. The celebrations were moved later on in the year due to the queen's coronation happening on the day of her father's death.

On what date was Elizabeth II crowned gueen?

Mariah Carey facing \$20m lawsuit over All I Want For Christmas Is You song

Mariah Carey is facing a \$20 million lawsuit for copyright infringement over her iconic song All I Want For Christmas Is You.

The five-time Grammy award winner and her co-writer Walter Afanasieff are both being sued by songwriter Andy Stone, who claims he co-wrote a track with the same name in 1989.

In legal documents filed, Mr Stone states he has never given permission for the song to be used and claims Ms Carey and her collaborators "knowingly, wilfully, and intentionally engaged in a campaign" to infringe his copyright.

This is despite the two songs having different lyrics and melodies.

Released by Ms Carey on her 1994 album Merry Christmas, the song has gone on to become one of the most well known festive hits and, in December 2021, reached the one billion streams mark on Spotify.

(a) Write the number of times this song had been streamed on Spotify up to December 2021 in NUMBERS.



(b) **BONUS QUESTION** Can you guess the most streamed song of all time on Spotify?

Ofcom investigating Royal Mail failure to deliver post on time

Ofcom is investigating Royal Mail's failure to meet delivery targets during 2021-22.



This comes after

Royal Mail failed to meet a number of its targets during the 2021-22 year.

The operator is meant to deliver 93% of first class mail within one working day of collection, but it managed just 81.8%.

Express the proportion of first class mail delivered within one working day of collection as a fraction in its simplest form.

Fuel prices: Filling a diesel car now costs a record amount

The average price of diesel in the UK rose to 182.59p per litre



last Sunday while, at the same time, petrol hit a new record of 172.73p per litre.

The average fuel tank in UK cars has a capacity of 55 litres.

- (a) How much would it currently cost to fill a 55 litre tank, from empty, with petrol?
- (b) Would £100 be enough money to fill a 55 litre tank, from empty, with diesel?

You MUST give a reason for your answer.