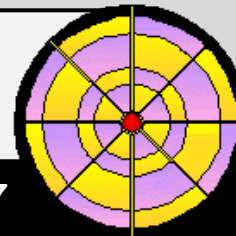


The Daily Rigour



Sun 30th January 2022

Issue No. 277

Your free weekly numeracy newspaper!

National Insurance: No 10 insists planned rise will go ahead

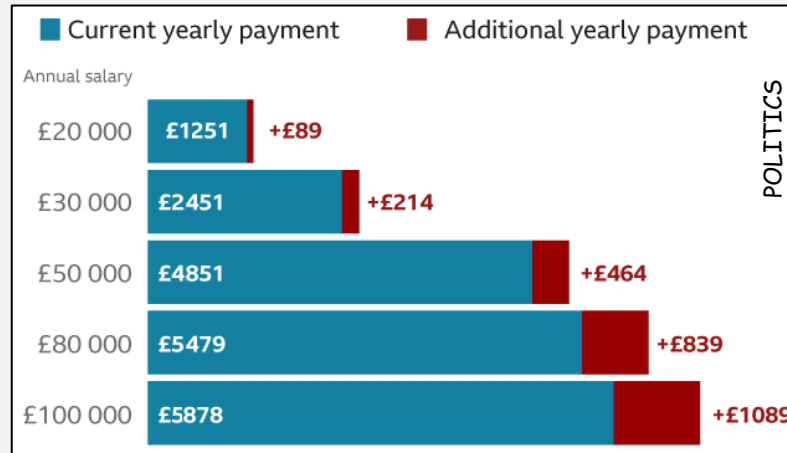
Downing Street has insisted the planned rise in National Insurance will go ahead after a number of Tory MPs called for it to be paused or scrapped. The increase is due to come into effect in April to help fund the NHS and social care.

Currently, a UK worker pays approximately £1.14 in the pound for National Insurance.

This will rise to £1.25 although anyone that earns less than £9880 will not have to pay any.

In the current system, an employee who earns £20 000 per year has to pay £1251.

This will rise by £89 in April.



- (a) How much will they have to pay per year after the tax rise?
- (b) How much will someone earning £80 000 a year pay in National Insurance per MONTH in April?

Rafael Nadal wins Australian Open

Rafael Nadal won a record 21st Grand Slam men's title in the most stunning fashion, fighting back from two sets down to beat Russia's Daniil Medvedev in a classic Australian Open final.

After losing the first two sets 2-6 and 6-7 he went on to win the final 3 sets 6-4 6-4 7-5.

How many more games did Rafael win than Daniil?



Who said Maths was Pointless?

Tuesday's episode of Pointless featured a Maths round where the answer to each question started with either the letter 'P', 'I' or 'N'.

ENTERTAINMENT PIN NUMBERS

TERM FOR A NUMBER WITH A VALUE LESS THAN ZERO (N)

NUMBER WHICH CAN ONLY BE DIVIDED BY ITSELF OR ONE (P)

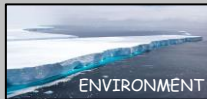
AN EXACT WHOLE NUMBER (I)

SQUARE ROOT OF 81 (N)

FRACTION WHERE THE TOP NUMBER IS LARGER THAN THE BOTTOM NUMBER (I)

How many answers can you work out?

'Megaberg' dumped huge volume of fresh water



Researchers are currently busy trying to gauge the impact a giant iceberg called A68 has had on the environment.

A68 was, for a short period, the world's biggest iceberg. It covered an area of nearly 6000 square kilometres when it broke free from Antarctica in 2017.

But by early 2021, it had completely melted.

The monster iceberg was dumping more than 1.5 billion tonnes of fresh water into the ocean every single day at the height of its melting.

To put into context, that's 150 times the amount of water used daily by all UK citizens.

How much water is used daily by all UK citizens? Give your answer in WORDS.