The Daily Rigour

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Your free weekly numeracy newspaper!

Speeding fine sentences are getting tougher for British motorists

From April 24^{th} this year, speeding fines are set to dramatically rise in an attempt to deter motorists from driving dangerously. As part of the changes, magistrates are now being instructed to be much tougher on those who commit the most serious speeding offences.

The new fine structure is ranked into three alphabetically categorised bands, with the least severe being Band A, while the most severe is Band C.

Band C fines are reserved for speeders who commit serious offences, and

Band C fines carry an absolute minimum fine of 150 per cent of the offender's weekly income.

A man committed a Band \mathcal{C} offence by travelling at 101 mph on a motorway. He earns £26 000 per year after tax. What is the minimum fine which he can be made to pay?

Vitamin D pills 'could stop colds or flu'

Vitamin D supplements could spare more than three million people from colds or flu in the UK each year, researchers claim.

The sunshine vitamin is vital for healthy bones, but also has a role in the immune system. But as vitamin D is made in the skin while

out in the sun, many people have low levels during winter.

Gillian has decided to take one Vitamin D tablet per day. She notices that Holland & Barret are selling 100 tablets for £4.98. They are running a promotion where if customers buy one they get the second half price. How much would Gillian have to pay for a year's supply of Vitamin D tablets?



Argos fails to pay National Living Wage

Argos are having to pay out £2 368 000 to 37 000 employees after the company failed to pay them the National Living Wage (NLW).

Sainsbury's, which owns the company, admitted that staff had not been paid for attending briefings before their shifts started.

The employees are to receive an equal share of the money.

How much is each employee due to receive?

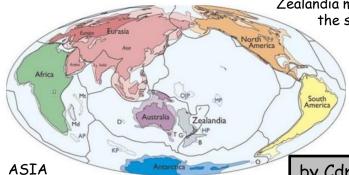


Zealandia: Is there an eighth continent under New Zealand?

You think you know your seven continents? Think again, as there's a new contender hoping to join that club. Say hello to Zealandia, a huge landmass almost entirely submerged in the southwest Pacific.

It's not a complete stranger, you might have heard of its highest mountains, the only bits showing above water: New Zealand.

Scientists say it qualifies as a continent and have now made a renewed push for it to be recognised as such.



Zealandia measures two thirds the size of neighbouring Australia.

Australia has an area of 7.692 million km². What is the area of Zealandia?

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