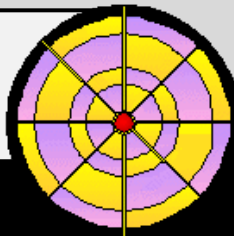


The Daily Rigour

Sun 5th February 2023

Issue No. 315



Your free weekly numeracy newspaper!

Shell announces record annual profits of £32.2bn after energy price surge

BUSINESS



Shell has announced annual profits of £32.2bn, doubling from a year earlier and far exceeding the previous record set in 2008. The UK windfall tax, announced under Rishi Sunak as chancellor, means oil and gas firms pay a 25% levy on profits - but companies will get tax breaks worth 91p for every £1 invested.

Assuming Shell didn't invest any of the profits, how much windfall tax would Shell be expected to pay? Give your answer in WORDS.

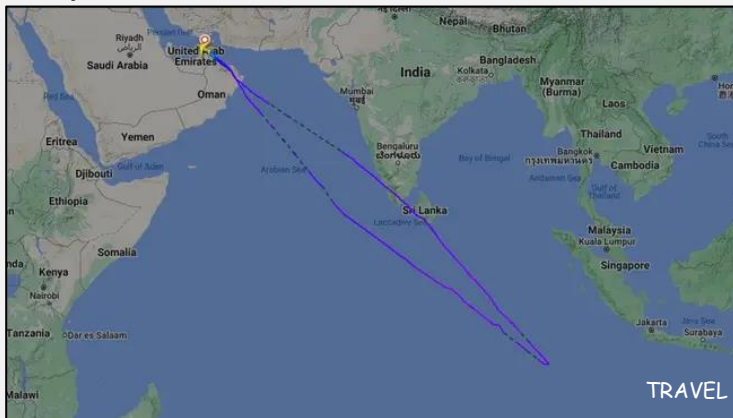
Passenger plane flies for 13 hours but lands at the same airport it took off from

Passengers were forced to turn back to the airport they took off from after 13 hours in the air, thanks to severe flooding in New Zealand's largest city.

Emirates flight EK448 left Dubai, United Arab Emirates, at 10:30 am on Friday the 27th January, and headed to Auckland, New Zealand.

The plane was due to land at its destination 16 hours later, but it met an issue when Auckland Airport was closed after the city was battered with torrential rain and flooding. After 13 hours, the flight eventually had to turn back, with FlightAware data showing the plane returned to Dubai International Airport just after midnight on Saturday!

The distance between Dubai International Airport and Auckland's airport is 8819 miles. How far did the plane travel altogether?



Superb Scots retain Calcutta Cup at Twickenham with "prime" performance

On Saturday, Scotland scored a late try which has given them back to back wins against England at Twickenham for the first ever time.

The interesting maths fact here is that the points scored by both Scotland and England were prime numbers!

Both England and Scotland scored more than 20 points and less than 30 points.

- (a) How many points did England score?
- (b) How many points did Scotland score?



Stade Reims coach doing so well due to Championship Manager

We finish with an article about the head coach of Stade Reims football club, Will Still.

The half-English, half-Belgian got into football coaching due to his love for the video game Football Manager.



At the age of just 30, he is the youngest coach in the Top 5 European Leagues.

Stade Reims are fined the same amount every game Will manages them as he has not yet completed the UEFA Pro License course.

So far, since taking charge of the club last October, he is unbeaten in 14 games with 7 wins and 7 draws. During this time, Stade Reims have paid a total of €350 000 euros in fines.

How much are Stade Reims fined every match that Will Still manages them?