# The Daily Rigour

Sun 29th January 2023

Issue No. 314

Your free weekly numeracy newspaper!

#### Asteroid the size of an elephant passes Earth in one of closest encounters ever

An asteroid has passed very close to Earth, passing just a few thousand kilometres above the planet's surface.

The space rock, named 2023 BU, zoomed over the southern tip of South America at about  $12\cdot29$  am on Friday, only 3540 kilometres above the Earth's surface.





Sicily is the largest island in the Mediterranean Sea and is located just off the "toe" of Italy's "boot".

- (a) Estimate the distance between Glasgow and Sicily.
- (b) Which do you think is shorter; the distance from Glasgow to Sicily or the height of the asteroid above the Earth's surface at 122.9 am on Friday?

### Beyonce earns a staggering amount for Dubai concert for comeback concert

Music icon Beyonce has made her comeback gig in Dubai, taking to the stage for the first time in a whopping 4 years.

For the 1 hour 25 minute concert she was paid a staggering \$24 million.

- (a) How much would this work out per minute Beyonce performed on stage?
- (b) What would this equate to as as an hourly rate of pay?



#### Djokovic wins Australian and equals Nadal's Grand Slam record

Novak Djokovic has won the Australian Open to equal Rafael Nadal's Grand Slam record.



Serbian tennis star beat Greek player Stefanos Tsitsipas in three sets in todays final in Melbourne. It is Djokovic's 10<sup>th</sup> Australian Open title and he has now equalled Nadal's Grand Slam record of 22 men's singles titles.

There are 4 Grand Slam tournaments. In addition to the Australian Open there is also Wimbledon, the US Open and the French Open.

He has also won Wimbledon 7 times and has one more US Open than French Open title.

How many times has Novak won the French Open?

## Man sells rare 50p coin for 2500 times its monetary value

A man was gifted a rare London 2012 Olympics coin by his father.

The aquatics 50 pence piece shows an Olympic swimmer breaking the surface of the water.

The coin is one of only 29 ever made by the Royal Mint but the man was still stunned to sell MONEY

it for 2500 times its monetary value.

- (a) How many sides does the coin have?
- (b) What name is given to a polygon with this many sides?
- (c) How much did the man sell the coin for?