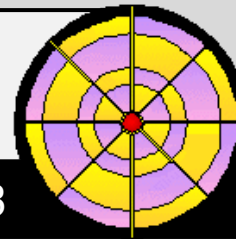


The Daily Rigour

Sun 11th August 2024

Issue No. 333



Your free weekly numeracy newspaper!

UK records hottest day of the year as temperature hits 34.8°C

The UK has seen its hottest day of the year so far after a temperature of 34.8°C was recorded in Cambridge, the Met Office has said.

The hottest temperature ever recorded in the UK was 40.3°C at Coningsby, Lincolnshire on the 19th of July 2022.

What is the difference in these two temperatures?



Team GB chiefs hail Paris medal tally

Britain's performance at the Paris Olympics was "incredible and should be celebrated", despite falling from 4th in the medal table in Tokyo 2020 to 7th place. This was due to their lowest gold medal tally since Athens 2004.

	Country	 Gold	 Silver	 Bronze	 Total
1	 United States	40	44	42	126
2	 China	40	27	24	91
3	 Japan	20	12	13	45
4	 Australia	18	19	16	53
5	 France	16	26	22	64
6	 Netherlands	15	7	12	34
7	 Great Britain	?	?	?	65



Britain won seven more bronze medals than silver ones.

There were also 15 more bronze medals than gold.

They won 65 medals in total.

(a) How many bronze medals did Great Britain win?

(b) How many silver medals?

(c) How many gold medals?

Royal Mint starts turning e-waste into gold

The Royal Mint, maker of the UK's coins, has begun processing electronic waste to extract gold from it.



Four thousand tonnes of e-waste should generate up to 450 kilograms of gold, which is worth about £27 million at current prices.

At current prices, what is the value of a single gram of gold?

Potholes are drivers biggest bugbear, new survey finds

Potholes damaging cars is the biggest bugbear among drivers in Britain, a recent motoring survey suggests.



The state of Britain's roads was the main concern for six in ten people in new research. It topped the list of motoring complaints for the first time - ahead of insurance costs and fuel prices.

(a) What proportion of the survey participants were most concerned about potholes?

Give your answer as a fraction, decimal and a percentage.

It takes a group of 6 council workers 6 hours to fill 6 potholes.

(b) Assuming they are filling the potholes at the same rate, how long would it take a single council worker to fill half a pothole?