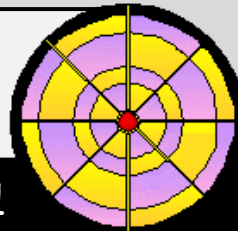


The Daily Rigour

Sun 7th July 2019

Issue No. 161



Your free weekly numeracy newspaper!

Could turning plastic bottles into roads be the future?

A Scottish company thinks it might have the answer to the single use plastic problem. They have turned 20 tonnes of recycled plastic into tiny pellets and laid them as the surface of a road - that's the equivalent of 1.25 million plastic water bottles!

(a) What is the weight of a single plastic water bottle in grams?

The Linkwood Steadings housing development in Elgin, Scotland, is one of the first places to use the roads. Thanks to how flexible the plastic it is, the developers have said that it's actually more durable than the traditional tarmac roads.

The plastic used comes from a mixture of commercial and domestic waste. 60% of the plastic used comes from commercial waste.

(b) What proportion of the plastic used comes from DOMESTIC waste?

Give your answer as a fraction in it's simplest form.



Cdmasterworks Ltd

Reigning champs win at the 2019 Nathan's Hot Dog eating contest

The annual Nathan's Famous International Hot Dog Eating Competition was held again on the 4th of July crowning two winners for 2019 in separate men's and women's events.

Within a 10 minute time limit, competitors must eat as many hotdogs as possible to win \$10 000 dollar prize money. Joey Chestnut won the men's event and Miki Sudo won the women's event the day before.

Both competitors managed to eat a PRIME number of hotdogs.

Miki managed to eat more than 30 hot dogs but less than 35 in 10 minutes. Joey ate 40 more than Miki. How many hotdogs did they each eat?



Lost Lewis Chessman piece sells for HUGE profit

A medieval chess piece kept in a drawer of an Edinburgh home has been sold at auction for £735 000.

Its previous owners had no idea that the object was one of the long-lost Lewis Chessmen.

The chessmen were found buried in a sand dune on the Isle of Lewis in 1831 but the whereabouts of five pieces have remained a mystery.

The Edinburgh family's grandfather, an antiques dealer, had bought the chess piece for £5 in 1964. How much of a profit did the family make?

Give your answer in WORDS.



Dumfries carpet fitter is the fastest in the world!

When it comes to breaking records, Robert Chambers has it covered.

The Dumfries man has just laid claim to the title of fastest carpet fitter in the world!



Robert managed to fit a 12 m² carpet in 4 minutes and 33 seconds.

Proud Robert, who started his carpet fitting apprenticeship as a 16-year-old, said: "I didn't think I'd manage it, but I'm chuffed that I did."

Robert beat the previous Guinness World Record by a whopping 1 minute and 47 seconds.

(a) What was the previous record time?

Assume the carpeted room was rectangular with a length of 4 metres.

(b) What is the perimeter of the carpeted room?