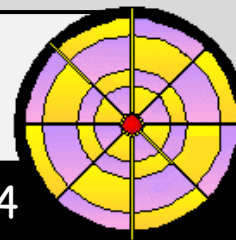


The Daily Rigour



Sun 8th March 2020

Issue No. 194

Your free weekly numeracy newspaper!

Prime minister shows us how to wash our hands

It's really important to wash your hands properly to stop the spread of germs and disease.

Prime Minister, Boris Johnson, this week showed us how - with warm, soapy water while singing TWO verses of the Happy Birthday song.

How many words should you sing altogether while washing your hands?



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TikTok user shows Jeff Bezos' wealth using grains of rice

A TikTok user recreated Jeff Bezos' net worth in grains of rice, and not even the hungriest of humans could make their way through the ridiculously large pile! Currently the richest man in the world, Mr Bezos has a net worth of \$121 billion.

In an online video, the TikTok user explained he counted out bundles rice each containing 10 000 grains. Each of these bundles represented \$100 000.

(a) How many grains of rice did the TikTok user need in total to represent Jeff Bezos' wealth? Give your answer in WORDS.

All in all, the TikTok user required 26.3 kilograms of rice to complete his experiment, and the resulting pile could barely even fit in the camera frame!

(b) Can you work out the weight of a single grain of rice in GRAMS? Give your answer in scientific notation rounded to 1 decimal place if you can!



Nintendo PlayStation: Ultra-rare prototype sells for \$300 000

The only "Nintendo PlayStation" ever publicly

auctioned has sold for \$300 000.

The ultra-rare prototype was the offspring of a short-lived collaboration between Nintendo and Sony, and was supposed to add CD-ROM support to the Super Nintendo. After this, Sony went on to create its own wildly successful PlayStation brand.

(a) How much did this Nintendo PlayStation

sell for in pounds and pence?



Today's Exchange Rate: £1 = \$1.30



(b) The successful

bidder also had to pay a 20% "buyers premium" in order to complete his purchase. How many extra DOLLARS did the buyer need to pay?

American competitive eater scoffs 32 McDonald's Big Macs in 38 minutes

A competitive eater from the USA reckons that he has broken the world record for most McDonald's Big Macs eaten in one sitting - 32 burgers in 38 minutes!



(a) Assuming he continued to eat at the same rate, how long would it have taken him to eat 40 Big Macs? Give your answer in MINUTES AND SECONDS.

During this "achievement" he consumed 18 016 calories. This is 516 more calories than the recommended WEEKLY intake for a man!

(b) How many calories are in a single Big Mac?
(c) What is the recommended daily calorie intake for a man?