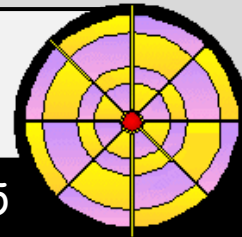


The Daily Rigour

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Your free weekly numeracy newspaper!

Thermometer in world's coldest village breaks as temperatures plunge to -62°C

The thermometer in a remote Siberian village known as the coldest inhabited place on earth has broken after the temperature reached at depth of -62°C !

The coldest temperature ever recorded on the planet was 32.7°C colder than this, captured by a NASA satellite in east Antarctica in 2013. What is the lowest ever temperature recorded?



Will Cape Town be the first city to run out of water?

Cape Town, home to Table Mountain, African penguins, sunshine and sea, is a world-renowned tourist destination. But it could also become famous for being the first major city in the world to run out of water.

The crisis has been caused by three years of very low rainfall, coupled with increasing consumption by a growing population.

Cape Town's residents are being urged to conserve water and use no more than 87 litres a day per household. Car washing and filling swimming pools have been banned. The 2 main uses of water in a household are for drinking and showering. Health authorities commonly recommend that a person should drink 2 litres of water per day. Water flows from a shower at around 9 litres per minute.

- How much water would a Cape Town family of four have left to use per day if they all drank the recommended amount of water?
- Would this leave them with enough water to each have a 3 minute shower? Give a reason for your answer.

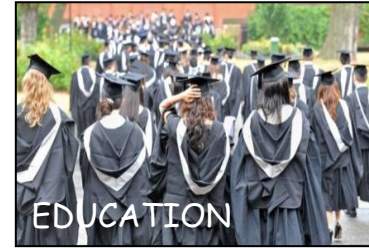
ENVIRONMENT



Universities braced for drop in student applications

Universities are braced for a drop in the number of applicants for next year. Students had until the 15th of January to submit their UCAS application forms to secure a place at university in time for the start of the 2018/19 academic year.

Institutions are concerned that applications are down by 5%. Write this figure as a decimal and a fraction.



Packets of Digestives are getting smaller!

There have been many recent reductions in pack sizes by food companies as they respond to rising costs in ingredients.

The most recent "casualty" is Digestive biscuits. Packet sizes will be reduced from 500 grams to 400 grams.

- Calculate the percentage reduction.

Currently, there are 34 biscuits in a pack of digestives.

- Estimate how many biscuits will there be in the new, smaller pack.



BUSINESS

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