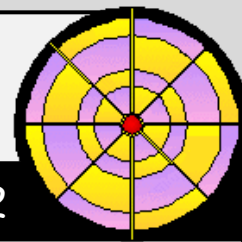


The Daily Rigour



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Your free weekly numeracy newspaper!

Nearly a quarter of kids aged 5-7 have smartphones

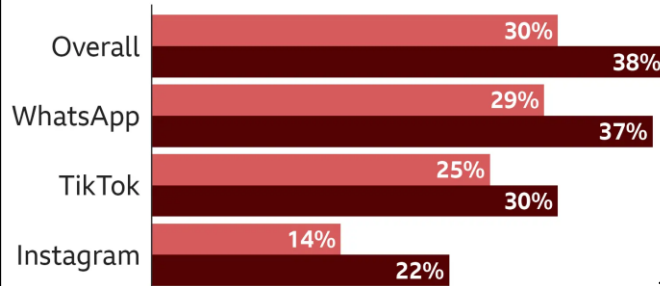
Nearly a quarter of UK five-to-seven-year-olds now have their own smartphone, research suggests.

Social media use also rose in the age group over the last year with nearly two in five using messaging service WhatsApp, despite its minimum age of 13.

- (a) What proportion of these young people used TikTok in 2022? Give your answer as a fraction in its simplest form.
- (b) What proportion of these young people used TikTok in 2023? Give your answer as a decimal.

How the percentage of five to seven-year-olds using social media has risen in one year

■ 2022 ■ 2023



TECHNOLOGY

Lost plastic duck washes up in Orkney after 18 years

A plastic duck has washed ashore in Orkney after an 18-year journey across the sea.

It was one of 150 000 ducks released into the River Liffey in Dublin in 2006 as part of a world record attempt.

Although intended to only travel one mile down the river, the duck was found last week on a beach in the island of Stronsay - an estimated 600 miles away from where it was released!

Approximately, what was the average speed of the plastic duck in miles per hour?



GEOGRAPHY

Australian farm grows world's largest blueberry

An Australian farm has smashed the record for the world's largest blueberry with a fruit the size of a ping-pong ball.



Picked in November, it has this week been certified by the Guinness World Records as the heaviest ever documented - weighing a whopping 20.4 grams! It also measured 39.31 millimetres in length.

- (a) What is the length of the blueberry in centimetres?
- (b) What is the weight of the blueberry in kilograms?

French athlete attempts rope climbing world record up the Eiffel Tower

A French athlete attempted to break the rope climbing record by climbing a 110 metre rope to the second floor of the Eiffel Tower. She trained for a year before attempting the climb and reached her goal in just 18 minutes.



On average, how far did she climb every second? Give your answer to the nearest centimetre.