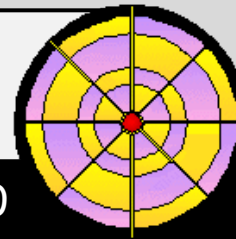


# The Daily Rigour

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Your free weekly numeracy newspaper!

## Oceans littered with 171 trillion plastic pieces

171 trillion pieces of plastic are now estimated to be floating in the world's oceans, according to scientists.

Plastic kills fish and sea animals and takes hundreds of years to break down into less harmful materials.

This amount could nearly triple by 2040 if no action is taken, scientists warn.

If no action is taken, how many pieces of plastic could be floating in the world's oceans by 2040? Give your answer in numbers ONLY.



## Boots cuts Advantage Card points earned per pound

Boots is changing the way its loyalty card works by offering discounts on more of its own brand products but cutting the points earned per pound.

The health and beauty retailer said that from May, holders of the Advantage Card would collect 3p worth of points for every £1 spent, instead of 4p.

- Currently, how much money would you need to spend in Boots to earn 24 Advantage Card points?
- From May onwards, how much MORE money would be needed to be spend in Boots in order to earn 24 Advantage Card points?



## Asteroid headed toward Earth may arrive on Valentine's Day 2046

A newly detected asteroid has a very small chance of impacting the Earth in 2046, Nasa tweeted on Tuesday.

If it does hit, the asteroid, roughly the size of an Olympic swimming pool, may arrive on Valentine's Day 2046 according to Nasa calculations.

The asteroid, named 2023 DW, has a 1 in 560 chance of hitting Earth

What is the probability of the asteroid impacting the Earth? Give your answer as a PERCENTAGE rounded to 2 decimal places.



## Messi to gift gold iPhone 14's to World Cup winning team

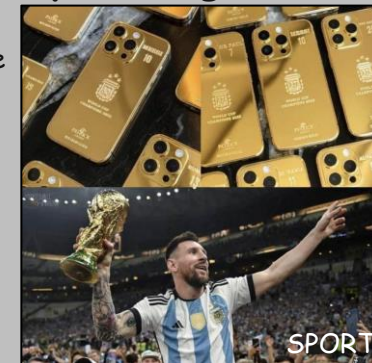
Lionel Messi will gift 35 gold iPhone 14's to all the Argentina players and staff which won the World Cup this year.

Each phone will be engraved with the last name of the recipient.

At the moment, iPhone 14's can be

purchased for £794 from Currys.

How much would it cost for 35 of them? Give your answer in Argentinian Pesos.



Current Exchange Rate:



£1 = 239.93 Argentine Pesos