The Daily Rigour

Sun 19th September 2021

Issue No. 261

Your free weekly numeracy newspaper!

Primark promises change to all its clothes in UK stores

Primark has made a promise to make an important change to all of the clothes that it sells.

The fashion giant has committed to making all of its clothes using recycled or more sustainably sourced material by 2030 with a promise that this move will not result in higher prices.

Primark will also strengthen the durability of its clothes so that they last longer and design all garments so they can be recycled.

PRIMARK®

Currently $\frac{1}{4}$ of Primark's clothes are made from recycled or more sustainably sourced materials.

(a) What is this figure as a percentage?

Globally, just $\frac{3}{20}$'s of the material used for clothing ends up being recycled.

(b) What is this figure as a percentage?



Imperial units to return as part of laws revamp

The government says its review of EU rules on imperial measures for traders is only a "small part" of plans to reshape laws after Brexit.

The overhaul could permit retailers to once again sell goods only using Britain's traditional weighing system. Currently, EU laws require traders to use metric measurements when weighing packaged or loose goods for sale in England, Wales and Scotland.



Today the metric system, which was created in France in 1795, is the official system of measurement for every country in the world except 3: the United States, Liberia and Burma.

The Metric System, for weight, uses the units: gram (g), kilogram (kg) and tonne (t). Notice;

1 kilogram = 1000 grams and 1 tonne = 1000 kilograms

The Imperial System uses ounces, pounds and stones with metric conversions shown in the table opposite.

Which is heavier; 20 lbs of carrots or 9 kg of potatoes?

You MUST give a reason for your answer!

Unit	Abbrev.	Metric
ounce	oz	28·35 g
pound	lb	453·59 g
stone	st	6·35 kg

Equal pay in sport: US Soccer offers identical contracts to men's and women's teams

The US Soccer Federation has offered identical contracts



to its men's and women's national teams in an attempt to resolve its gender pay dispute.

Team captain Megan Rapinoe, and her team mates, each earned \$110 000 for winning the Women's World Cup in 2019. This is significantly less than what male players can earn for similar success

French forward Kylian Mbappe earned \$22 300 for each of his 7 appearances in the 2018 Men's World Cup, plus a \$350 000 bonus for winning the tournament.

How much more did Kylian earn from winning the World Cup than Megan?

Schoolboy cyclist outpaces pros on Tour of Britain

A 12-year-old cyclist who outstripped professionals during a major British race on Saturday has been



"shocked and amazed" at the reaction it caused.

Xander Graham raced alongside riders on the Tour of Britain near Edinburgh before being handed a water bottle from Dutch cyclist Pascal Eenkhoorn.

The tour, which finished last Sunday, was won by Wout Van Aert who had a winning time of 31 hours, 42 minutes and 22 seconds.

Pascal Eenkhoorn came in 30th place, and had a time of 31 hours, 50 minutes and 50 seconds.

What is the difference between the two times?