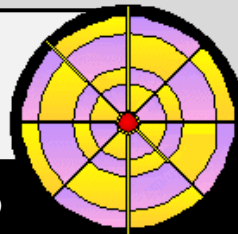


The Daily Rigour

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Your free weekly numeracy newspaper!

World population hits 8 billion

On the 15th of November, the world's population was projected to have reached eight billion people, a milestone in human development.

(a) Write this figure as a number.

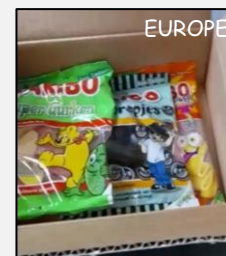
While it took the global population 12 years to grow from 7 to 8 billion, experts believe that it will take $\frac{5}{4}$'s this amount of time for the population to grow from 8 billion to 9 billion.

(b) In what year is the world's population expected to reach 9 billion?



Man finds Haribo's lost £4m cheque and he's given six packs of sweets as a reward

A man who found a cheque for over £4 million that had been lost by confectionary company Haribo was given six packets of sweets as a thank you for his help - a gesture he found somewhat 'cheap'.



The man, from Germany spotted the cheque on a train platform after visiting his mum, and was astonished to see it was made out for a whopping €4 631 538.80.

A 175 grams bag of Haribo Starmix can currently be bought for £1 in many UK supermarkets.

Current Exchange Rate:
£1 = €1.16 (euros)



How many of these bags could be bought for the value of the discovered cheque? Give your answer in WORDS.

Qatar World Cup 2022 well under way

The Qatar 2022 World Cup kicked off last Sunday and has a similar format of the past two tournaments. There are 8 groups of 4 teams. Each team in a group will play the other teams in the group once, with 3 points awarded for a win and 1 point awarded for a draw.

After this, the top two teams from each group qualify for the knockout stages.

This is followed by a "last 16", followed by a quarter final and then a semi final.

After this is a 3rd place play-off match and the final itself.

(a) How many teams are competing altogether?

(b) How many football matches will be played during this tournament?

GROUP A	GROUP B	GROUP C	GROUP D
QATAR	ENGLAND	ARGENTINA	FRANCE
ECUADOR	IRAN	SAUDI ARABIA	AUSTRALIA
SENEGAL	UNITED STATES	MEXICO	DENMARK
NETHERLANDS	WALES	POLAND	TUNISIA
GROUP E	GROUP F	GROUP G	GROUP H
SPAIN	BELGIUM	BRAZIL	PORTUGAL
COSTA RICA	CANADA	SERBIA	GHANA
GERMANY	MOROCCO	SWITZERLAND	URUGUAY
JAPAN	CROATIA	CAMEROON	SOUTH KOREA

SPORT

Heinz Beanz pizzas return after 20 year absence from shelves

After a 20 year hiatus the Heinz Beans Pizza has made a triumphant return to shops, meaning you can get a hit of cheesy, beany nostalgia for a limited period.



The frozen pizzas are being sold in Iceland stores after relaunching on the 14th of November, costing £3.

Assume the pizza in the picture is cut into equal slices. If I eat 3 slices for my dinner and have a cheeky cold slice for my breakfast the next morning what fraction of the pizza have I eaten?

Give your answer in it's simplest form.