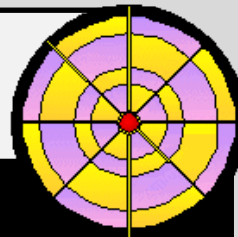


The Daily Rigour

Sun 25th September 2016

Issue No. 19



Your free weekly numeracy newspaper!

Four in 10 children not going to dentist, NHS figures show

40% of children in England did not see a dentist last year, NHS statistics show - a figure the British Dental Association says is embarrassing. The BDA said regular dental check-ups were the key to preventing tooth decay in children and urged the government to invest in educating the public.

Tooth decay remains the most common reason young children go to hospital.

Guidelines recommend children see a dentist at least once a year.

There are 16 750 000 under 18's in England. How many of them did not visit the dentist last year?



Gender pay gap to remain until 2069, report says

The gender pay gap in the UK will not close until 2069 based on current salary progression, research suggests. Accountancy firm Deloitte says the hourly pay gap between men and women is 9.4%. If a man working for a company earns £10 per hour what is this research claiming that a woman working for the same company will earn per hour?

****BONUS QUESTION**** How much more will the man earn for a typical 40 hour working week at these rates of pay?**



'I sold three new fivers for £460' on EBay
Way back in issue 2 of the Daily Rigour we informed you that the Bank of England were starting to produce plastic £5 notes.

In the news this week we were told of a collector who sold three of these new plastic £5 notes for £460 on EBay!

Alan Scrase said finding the polymer fivers with consecutive AA01 serial numbers was "the luck of the draw" but thanked the Daily Rigour for originally bringing it to his attention.

- Calculate his total profit.
- Express this profit as a percentage of what he paid for the £5 notes.



Great British Bake Off, Episode 5 - Benjamina shares her formula

According to Benjamina, there's a formula to work out how many layers of pastry you'll get;

$$L = (f + 1)^t$$

where f is the number of folds and t is the number of turns.

How many layers would you get if you made 5 folds and 2 turns?



by Cdmasterworks Ltd