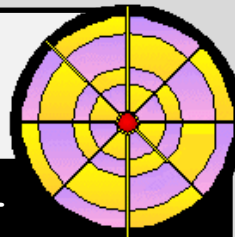


# The Daily Rigour

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Your free weekly numeracy newspaper!

## 30% of 2010's new teachers have already quit the profession!

Almost a third of the new teachers who started jobs in English state schools in 2010 had left the sector five years later, ministers have confirmed.

Of 24 100 state school teachers to qualify in 2010, 30% had quit by 2015, Schools Minister Nick Gibb revealed in a written parliamentary answer.

How many teachers who qualified in 2010 had quit by 2015?



## Earnings rise fastest for the low-paid

Earnings have risen fastest among the lowest paid owing to the introduction of higher minimum wage levels. Hourly earnings, excluding overtime, for full-time jobs among the lowest-paid increased by 5.9% from £6.86 to £7.26 between 2015 and 2016.

The median average full-time worker was paid £28 028 a year BEFORE tax in April 2016.

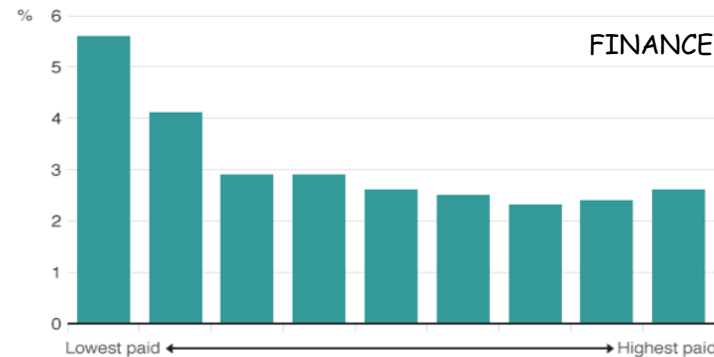
Joanne earns this salary and is paid £427.42 into her bank account every week.

(a) How much tax does Joanne pay per YEAR?

(b) What percentage of Joanne's annual salary is tax?

Growth in hourly earnings in 2015-16

Lowest paid 10 per cent of workers saw the fastest growth in income



## Morrisons raises Marmite price by 12.5%

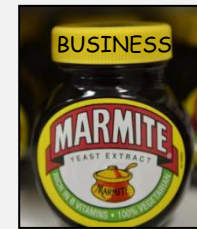
It is the first supermarket to raise the price of Marmite since the recent dispute between Tesco and manufacturer Unilever over the effect of the falling pound on production costs.

(a) Morrisons used to charge £2.35 for a 250g jar. How much do they now charge after this new price increase?

According to supermarket websites, a 250g pot of Marmite costs £2.50 at Sainsbury's, £2.35 at both Waitrose and Tesco and is on special at Asda for £2.

Ben absolutely loves the stuff and buys 25 pots for £66!

(b) Which supermarket was he shopping in? You MUST give a reason for your answer.



## DONALD GLOVER CAST AS YOUNG LANDO CALRISSIAN IN UPCOMING HAN SOLO FILM

Lucasfilm announce that Donald Glover will be playing the part of Lando Calrissian in the still untitled Han Solo Star Wars film

This new film depicts Lando in his formative years as a card-gambling scoundrel on the rise in the galaxy's underworld.

Lando loves a game of Texas-Holdem poker and has been dealt the king of clubs and the ace of clubs. The 3 and 7 of clubs and the 8 of hearts appeared in the flop and the turn card was the 2 of diamonds. Lando is waiting on another club in the river to give him a flush (5 cards of the same suit).



There are 52 cards in a pack. What is the probability that the next card dealt will be a club? Give your answer as a decimal rounded to 1 decimal place.

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