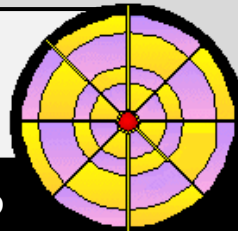


# The Daily Rigour

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Your free weekly numeracy newspaper!

## Energy Switching Entrepreneurs Receive The 'Best Deal' Ever On 'Dragons' Den'

Will Hodson and Henry de Zoete, with their entrepreneurial energy switching idea, struck what is being described as the best deal ever in the history of Dragons' Den. Their company is called 'Look After My Bills'. It finds customers the best deals for their gas and electric suppliers and then automatically switches them once their current deal runs out.

All five of the dragons offered them some sort of deal. In the end, they could afford to drive a hard bargain and only ended up parting with 3% of their business for £120 000.

If 3% of their business is worth £120 000, what is the total value of their business?



## Youngest to Oldest: The average age of every squad in the Premier League this season

A new football season in the Premier League is well under way and age is a big deal when it comes to top level football. Too young and teams may not have the experience or knowhow to succeed, but too old and they may not be fast enough or fit enough.

The ages of the youngest squad members of all 20 Premier League clubs are:

19, 20, 20, 20, 21, 17, 20, 19, 18, 18, 20, 19, 18, 19, 21, 21, 20, 18, 19, 18.

For this data set calculate (a) the range (b) the mean

The ages of the oldest squad members of all 20 Premier League clubs are:

36, 38, 37, 34, 35, 38, 39, 35, 30, 30, 34, 32, 35, 35, 31, 33, 34, 37, 33, 31.



by Cdmasterworks Ltd

For this data set calculate (c) the median (d) the mode.

## National Living Wage 'fails to cover families' basic needs'

Low-earning parents working full-time are still unable to earn enough to provide their family with a basic, no-frills lifestyle, research suggests.

The National Living Wage is £7.83 an hour for those aged over 25.

According to the Office for National Statistics, the average weekly wage in the UK is £518.

How many hours would a person earning the minimum wage have to work in order to earn this amount?



## Daredevil skydiver jumps from 7.6km without a parachute!

Luke Aikins jumped 7620 metres without a parachute!

His jump took 2 minutes and he landed safely in a 30m by 30m net bordered by lights in in southern California

What was his average speed in metres per second?

