## The Daily Rigour

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Your free weekly numeracy newspaper!

## Green man road crossings 'too fast'

The green man walking sign on pedestrian crossings may be too fast for elderly people to cross the road safely, suggest new draft guidelines for local councils.

A typical crossing will allow five seconds before the green man starts flashing. But many people are slower than this.

Currently, the time the Green Man spends flashing is based on the assumption that people walk  $1\cdot 2$  metres per second – this was calculated in the 1950s and hasn't changed since.

However a study has found that the average walking speed for men over 65 is 0.9 m/s.

A crossing is 6 metres long and allows five seconds before the green man starts flashing. Will a typical man aged over 65 manage to cross before the green man starts to flash? Give a reason for your answer!



The government is set to reveal whether companies should publish their pay ratio - the salary gap between their executives and wider workforce. The move came after public pressure on firms to justify top pay packages.

Salaries have been big news recently since the BBC's published salaries highlighted the gender pay gap.

Huw Edwards and Fiona Bruce, news readers for the BBC, are paid in the ratio of Huw: Fiona = 11: 7.

Huw earns £550 000. How much does Fiona earn?



## Summer transfer window: Premier League clubs spend record amount

English Premier League clubs have spent a record £1·17bn on players so far in this

summer's transfer window.

There are 20 clubs in the English Premier league. What is the average spend per club?



## Celebrities earn record amount for charity on 'The Chase'

Food critic Jay Rayner, comedian Lucy Porter, newsreader Krishnan Guru-Murthy and snooker legend Steve Davis all made it through their individual rounds and back to safety.

Jay, Lucy and Krishnan all won the higher offers of £35 000, £50 000 and £65 000 respectively. Steve won the lower offer of £2000.

All of this money went into the prize fund which was shared equally between each of the contestant's chosen charities. How much did each charity receive?

