The Daily Rigour

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Your free weekly numeracy newspaper!

71·6m watch final Trump and Clinton debate on TV in the US

The debate was the final televised clash before the election on the 8th November. The population of the US is 318·9m. What percentage of Americans watched the final debate? Answers to 1 decimal place!

These five 50p coin designs are worth a fortune!

As the craze for rare plastic five pounds reaches ridiculous levels attention has now turned to limited-edition 50p coins.

MONEY

The WWF design can sell for £200

The Kew Gardens coin is worth £50

This London 2012 Olympics can sell for £3000

The Off-side Rule coin could net you a tenner

This EC Commemorative 50p is worth £20

(a) Max, almost unbelievably, finds all 5 coins down the back of his sofa! What is the maximum amount of money he can make from selling them?

(b) The coins are all regular heptagons. Calculate the size of the interior angle marked on the London 2012 Olympics coin. Answers to 1 decimal place!

Thousands apply for train driver jobs

15 000 people have applied for 78 jobs driving new trains being launched by Virgin.

Let's pretend that the successful candidates names were pulled out a hat at random. What is the probability of someone being selected? Give your answer as a fraction in it's simplest form.

Serial returners cause problems for shops

"I return half of what I buy," says 30-year-old Alex Demetri, who spends £700 on clothes each month.
She also admits to wearing some of her clothes first before returning them.

It is customers like Ms Demetri who are causing problems for shops, which are "struggling to cope" with the number of items returned, new research suggests.

Despite the problems, the majority of retailers still give refunds because they want to keep customers happy.

If Alex's claim is true, how much does she actually spend on clothes per year?

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