# The Daily Rigour

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Your free weekly numeracy newspaper!

## French mayor issues ban on 'excessive dog barking'

Current f.1 = €1·14 Exchange

Rates:

£1 = \$1.29

The mayor of a town in northern France has issued a ban on excessive dog barking in a bid to curb canine noise pollution.

From Monday, dog owners in Feuquières face a €68 fine for "prolonged or repeated barking".

- How much is this fine in pounds and pence?
- Would \$70 be enough money to pay the fine with? You must give a reason for your answer!



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#### Shopkeeper sells original full sugar Irn-Bru for £3.99 a can

We brought you the news last year that Irn-Bru was reducing its sugar content.

Now the owner of News 24, a newsagent in Glasgow, has turn this situation into a business opportunity after stockpiling lots of the original sugary stuff and is now selling it for £3.99 per can!

You can currently buy a 4 pack of cans in Sainsbury's for £2.



(a) How much more expensive is this original Irn-Bru per can compared to Sainsburys?

The newsagent claims to have 60 cases left with 24 cans in each case.

(b) How much money will she make if she manages to sell all the remaining cans?

### NASA declares Opportunity rover dead after 15 years on Mars

Opportunity, NASA's longest-running rover on Mars, has been declared dead, 15 years after it landed on the red planet.

The rover was launched from Earth on the 7th of July 2003 as part of NASA's Mars Exploration Rover program and landed on the moon on the 25th of January 2004.

- (a) How many days did the Opportunity rover take to travel to the moon? The distance from the earth to the moon is 385 416 kilometres.
- (b) Calculate the average speed of the rover when travelling to the moon in kilometres per hour.

It was only expected to be active on the moon for 90 days but ended exploring and photographing Mars for 15 years!

During this time it covered 3 kilometres of ground per year.



(c) How much ground did the Opportunity rover cover in total during its 15 year stay?

#### Mount Everest base camp in Tibet closed by China to tourists over rubbish

Tourists have been barred from Mount Everest's base camp in Tibet because of the amount of rubbish being dumped.



Refuse being left has been a growing problem on the world's highest peak, with the temperature and high altitude hampering clean-up efforts.

According to the Tibetan authorities, workers had collected 25 tons of rubbish every month from the mountain last year.

How many grams of rubbish is this per year? Give your answer in WORDS.