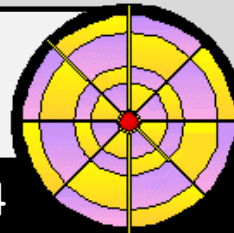


The Daily Rigour

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Your free weekly numeracy newspaper!

Birmingham couple have already put up their Christmas lights!

Despite it still being October, a Birmingham couple have decorated their house with a whopping 10 000 lights around their home.

Their display cost them £7000. Their reason for doing it? They "just love Christmas"!

What was the cost of one Christmas light?



Man uses party balloons to float over South Africa!

A British man has used party balloons, filled with helium, to fly over South Africa.

He took to the skies to test his concept of a balloon air race and described the experience as "peaceful and terrifying in equal measure"!

Seated in a camping chair, he floated a distance of 15 miles in 2 hours!

He then had to pop balloons to get back to ground after hearing reports of strong winds.

(a) When in flight, what was his average speed?

(b) Flying at this speed, how long would it take him to fly home to England, a distance of 8700 miles?

Give your answer to the nearest; (i) hour (ii) day (iii) week



Early navigation tool found on shipwreck

It is said to be the oldest known example of a type of navigational tool, dating from between 1495 and 1500.

If a ship is facing the direction marked on the navigation tool, what direction is on it's left?



Woman is only passenger on plane!

A woman who paid just £46 for a flight to Crete has spoken of her amazement at being the only passenger on board.

She described her Jet2 flight from Glasgow to the Greek island, which normally carries 189 passengers, as "surreal".

The total length of her journey was 2625 miles and the cost of jet fuel is £3.20 per mile.

- (a) What were Jet2's fuel costs for this journey?
- (b) How much of a loss did Jet2 make for this one person journey?
- (c) If Jet2 filled the plane, with each customer paying £46 for a ticket, what would their profit have been?
- (d) What is the minimum number of tickets Jet2 would have needed to have sold at this price in order to make a profit?



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