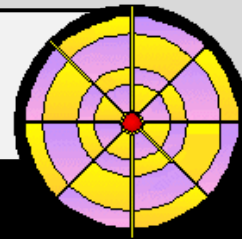


The Daily Rigour

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Your free weekly numeracy newspaper!

Half a million trees have died next to one 21 mile stretch of road, National Highways admits

Following an upgrade of the A14 road in 2020, a number of mature trees were destroyed during the construction.

Planting new ones was part of the development consent order, the permission to build.

National Highways planted 850 000 saplings but half a million of them have since died. National Highways point to poor soil and extreme heat as the main causes.



Only growing trees capture carbon or improve habitat. The cost of replanting will be £2.9m.

(a) Express the number of trees lost as a fraction of the total number of trees planted.

Give your answer in its simplest form.

(b) On average, how much will it cost to replant each tree?

World Cup 2026: Fifa switches back to four team group format

Fifa has switched the format for the expanded 2026 World Cup back to four team groups. The competition in the United States, Mexico and Canada was due to feature 16 groups of three because the number of teams is increasing from 32 to 48.

(a) How many groups will there be now?

In the Group Stage of the World Cup, each team within a group plays the other teams exactly once.

(b) How many Group Stage games will there be altogether in the 2026 World Cup?



Man decides to live underwater for 100 days to see what it does to his body

One man has taken it upon himself to live underwater for over three months to see what kind of affect it will have on his body.



The University of South Florida professor began his bizarre experiment on the 1st of March as he straps himself in for 100 days underwater for this first of its kind biology study.

(a) If he succeeds, when will his experiment be over?

The current record time spent underwater is 26 days less than this professor's aim.

(b) On what date will he beat the record?

Give peanut butter to babies to cut allergy rates by 77%, scientists say

Giving babies smooth peanut butter between the age of 4 and 6 months could cause peanut allergies to plummet, scientists say.



Researchers found there was a clear "window of opportunity" to expose babies to peanuts and reduce the risk of them developing an allergy.

Introducing peanut products into all babies' diets by 6 months could reduce peanut allergy across the population by up to 77%, the study found.

Peanut allergy affects around 1 in 50 of children in the UK and has been increasing in recent decades. What is this figure as a percentage?