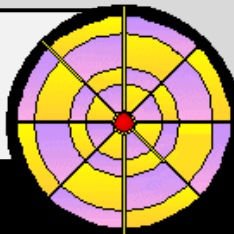


The Daily Rigour

Sun 9th January 2022

Issue No. 274



Your free weekly numeracy newspaper!

Mum gives birth to twins who were born in different years

Two twins in California ended up being born on different days, months and years thanks to a rare 'one in two million' occurrence.

Little Aylin and her brother Alfredo were born 15 minutes apart on New Year's Eve - each one straddling midnight, meaning they were technically born in different years!

Alfredo came first at 11:45pm on the 31st of December, weighing 6lbs 1oz, while Aylin followed not long after the clock struck midnight, weighing 5lbs 14oz.



- (a) What time was Aylin born at? (b) What is her date of birth?

Peter Wright wins PDC World Darts Championship title for second time



Peter Wright produced a sensational comeback to beat Michael Smith in a thrilling final of the PDC World Darts Championship. The Scot, also champion in 2020, is only the sixth player to win the title twice.

On a dartboard, the white bits are worth the points indicated, e.g. here is worth 9 points.

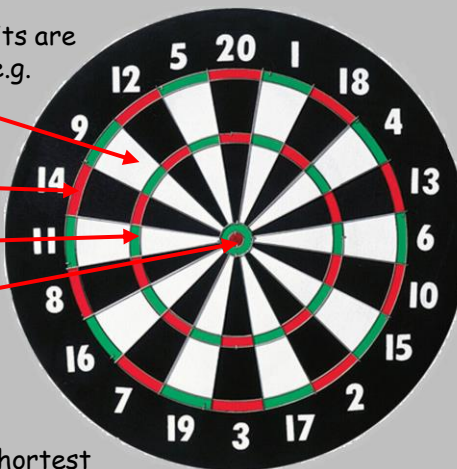
The outer rings are worth double points, e.g. here is worth 28 points.

The inner rings are worth treble points, e.g. here is worth 33 points.

The outer bull is worth 25 points and Bullseye (the inner bull) is worth 50 points.

In order to win a game of darts, a player starts with 501 points and needs to throw darts at the board which then get taken away from 501 until they get to 0 points.

The final dart thrown must be a double or Bullseye. The shortest way to do this is to throw only 9 darts. How many different ways can you work out to do this?



China switched on its artificial sun and it burned five times hotter than our actual sun

China decided to ring in 2022 with a test of its artificial sun and it managed to reach a maximum temperature 5 times hotter than the actual sun.



The actual sun burns at a temperature of 15 000 000°C.

- (a) What was the maximum temperature reached by China's artificial sun?

Give your answer in WORDS.

The Experimental Advanced Superconducting Tokamak (EAST) is located west of Shanghai and is a nuclear fusion facility that is designed to one day create 'unlimited clean energy'.

The test reportedly lasted for 1056 seconds.

- (b) How long did the test last for in minutes and seconds?

Ant and Dec's new show Limitless Win is 'unlike anything you've seen before'

Ant and Dec's new game show, 'Limitless Win' made its television debut last night. Maths lovers will be pleased to know that all the questions featured numbers!



Check out one of the questions below:

On a traditional digital watch face, how many individual lines would be used to show the time ten thirty AM?

As an example, the number 2 would use 5 lines since the number 2 on a digital watch face looks like this → Can you figure out the answer???

