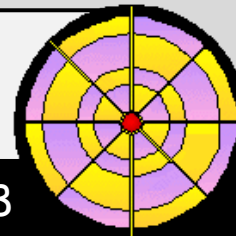


The Daily Rigour

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Your free weekly numeracy newspaper!

Mt Everest officially has a new height

The world's highest mountain Mount Everest is higher than had been previously officially calculated, Nepal and China have jointly announced. Everest stands on the border between China and Nepal and mountaineers climb it from both sides. Surveyors from both sides used trigonometry to calculate the height of the summit.

China's previous official measurement of 8844.43 metres is 4.43 metres LESS than the new height.

- (a) What is the new height of Mount Everest?
- (b) Before Mount Everest was discovered what was the tallest mountain in the world?

GEOGRAPHY



Favourite office Christmas treats analysed

This week, someone with way too much time on their hands analysed the contents of the nations favourite Christmas chocolate tins. Here are their results.

There are 57 chocolates in a tub of Roses. This includes 8 country fudge. This is also the amount of caramel chocolates and Golden barrel chocolates. There are also 4 signature truffles and 5 strawberry dreams. The rest are an equal split of hazel in caramel, orange cream, dairy milk and hazel whirl.

- (a) How many dairy milk chocolates are in a box of Roses?

For the tin of Quality Street there are the same number of orange crunch, toffee finger, chocolate block, toffee penny, green triangle and purple ones- 4 of each.

This is half the number of strawberry delights which has the same amount as fudge. There are 9 orange cremes and 5 caramel brownies. The rest are an equal split between coconut éclair and caramel swirl.

Altogether, there are 9 more Quality Street per tin than Roses.

- (b) How many coconut eclairs are in a tin of Quality Street?

BUSINESS



NZ students record worst results in maths and science

New Zealand's 13-year-olds have recorded their worst ever results in a major international maths and science test.



The Year 9 students' scores in the Trends in International Mathematics and Science Study (TIMSS) fell by the largest margins since the study began in 1994.

More than 580 000 children in 64 countries participated in the test in 2019 with Singapore topping the table in every subject and every age category.

Here is an example of a **Year 4 Advanced Benchmark** question from the assessment. Only 21% of New Zealand students answered this correctly compared to the international average of 24%.

A teacher wants to put 30 students in groups so that each group has the same number of students AND each group has an odd number of students. Show two different ways the teacher could make the groups.

Can you answer this question correctly???

Harry Potter book set to be sold for 50p in car boot sale now expected to fetch much more at auction

A Harry Potter book set to be sold for 50p in a car boot sale is now expected to fetch ONE HUNDRED THOUSAND TIMES MORE at auction after it turned out to be a rare first edition.

How much is the book expected to sell for at auction?

