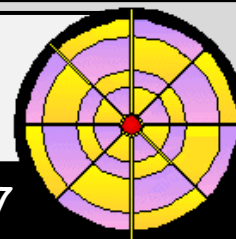


The Daily Rigour

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Your free weekly numeracy newspaper!

BMW Driver racks up record number of penalty points after setting off 32 speed cameras

A BMW driver has managed to rack up a record number of penalty points after setting off a total of 32 speed cameras.

Each time he set off a speed camera, 3 penalty points were added to his driver's license.

When he was eventually stopped by police on the M6 motorway he was given an additional 3 points for 2 bald tyres and another 8 points for driving with no insurance.

How many points did the driver receive in total?



Most popular baby names of 2020 revealed

As the year draws to a close the most popular baby names of 2020 have been revealed.

There is a new most popular girl's name for the first time in three years - with the former champion now in second place.

We have two lists this week - the most popular girls names and the most popular boys names of 2020.

As in previous weeks, we have given you a clue for the first missing letter in each name. The answer to the calculation/maths clue corresponds to the number of the letter in the alphabet, e.g. a = 1, b = 2, etc.

Can you work out the top 5 girls and boys names???

Top 5 girls names of 2020

1. 8th prime number _ _ _ _ _
2. (0, 0) _ _ _ _ _
3. $9 - 4 \times 2$ _ _ _ _ _
4. $\sqrt{144}$ _ _ _
5. 3^2 _ _ _

Top 5 boys names of 2020

1. $10 - (-3)$ _ _ _ _ _
2. One more than 1. _ _ _
3. One more than 2. _ _ _ _ _
4. $\frac{1}{2} + \frac{1}{2}$ _ _ _ _ _
5. $-5 + 17$ _ _ _



THIS WEEK'S ACTIVE LEARNING TASK

Act out this draw with scrunched up pieces of paper. How many attempts did it take you???

Ronaldo scores 750th career goal

Cristiano Ronaldo scored his 750th professional goal during Juventus' 3-0 win over Dynamo Kiev this week.



Ronaldo has now scored 75 goals for his current club Juventus, 450 for Real Madrid, 118 for Manchester United and 5 for his first club Sporting Lisbon.

The rest of the goals were scored for Portugal, his international team. How many goals has Cristiano Ronaldo scored for Portugal so far?

South Africa's lottery probed as 5, 6, 7, 8, 9 and 10 drawn and 20 win!

An unusual sequence of numbers drawn in South Africa's national lottery has sparked accusations of fraud after 20 people won a share of the jackpot.



Tuesday's PowerBall lottery saw the numbers five, six, seven, eight and nine drawn, while the PowerBall itself was, you have guessed it, 10.

The organisers said 20 people purchased a winning ticket and won 5.7 million rand each.

- (a) How much did each person win in pounds and pence?

To find the odds of winning any simple lottery use the formula;

$$\frac{n!}{r!(n-r)!}$$
where n is the total number of numbers and r stands for the number of numbers chosen.

! means factorial which is the product of a positive integer and all the positive integers below it until 1. E.g. $5! = 5 \times 4 \times 3 \times 2 \times 1 = 120$.

- (b) What are the odds of choosing 2 correct numbers at random from 10 numbers?

Exchange rate

£1 = 20.45
South
African
Rand

