

How much money would it take for you to give up Facebook?

A cross section of Facebook users were asked what it would take to get them to give up Facebook FOREVER.

One in three of those polled by a London advertising agency said they'd happily log off for good if it meant they'd get £50K afterwards, which shows just how much value many put on the social network. But wait...

Under 35 years old, one in three claimed that they wouldn't quit for any amount of money. No amount at all. Not even MILLIONS. Wow. That's right, a third of those

polled wouldn't give up their Facebook addiction, even if it meant a lifetime of cash.

Obviously this kind of research tells us a lot about our attitudes towards Facebook, but I suppose until you're faced with an actual pile of money, it's hard to say what decision you'd REALLY make.

More than half commented that the social network is part of our cultural identity and has a stronger influence on society than the current government.



One in three claimed they wouldn't quit for ANY amount of money

Everyone jokes about Facebook and says they'd love to live their lives without it, but really it seems it's ingrained into our personal social lives, and our wider communities too. Deep stuff!

Values	Zero's	Names
10^0	0	One
10^1	1	Ten
10^2	2	Hundred
10^3	3	Thousand
10^4	4	Myriad
10^6	6	Million
10^9	9	Billion
10^{12}	12	Trillion
10^{15}	15	Quadrillion
10^{18}	18	Quintillion
10^{21}	21	Sextillion

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After school classes

- Monday:
Higher & Advanced Higher Maths
- Tuesday:
Intermediate 2
- Thursday:
S1 to S3 Higher

Fun Facts

Powers of 10

Worlds biggest chocolate bar!

Would this be enough to put you off chocolate?

Officially the worlds'

largest bar of chocolate weighed in at almost six tonnes and was made to celebrate Thorntons' 100th birthday.

More than 50 staff helped to create the huge sweet at a factory in Derbyshire.

The massive bar is four metres wide and long.



The idea came from a staff member, whose favourite childhood film was Charlie and the Chocolate Factory.

He said:

"There was a scene in it where a massive chocolate bar comes in and gets shrunk. I thought it would be great if we could do the reverse."

The final weight of 5,827 kg beats the previous record-set.

It'll now be smashed up into smaller pieces and sold off for charity.

Volunteers spent 10 hours pouring buckets of chocolate into the huge mould at a factory.

Maths Tricks

$$Q(x) = \frac{P(x)}{O(x)} q^n = \sum_{i=0}^{n-1} c_i q^i$$

G

$$a_n(n) = \frac{\phi(q^n - 1)}{n}$$

$a \in G(2^n) \rightarrow p(x) = x^8 + x^7 + x^2 + 1$

Quick Square

Step1: If you need to square a 2 digit number ending in 5, you can do so very easily with this trick.

Step2: Multiply the first digit by itself + 1, and put 25 on the end.

Step3: That is all!

Step4: Ex: 25 ie $(2 \times (2+1)) \& 25$

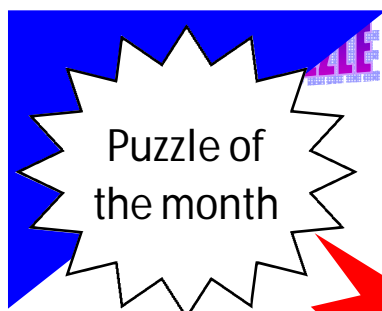
Answer: 625

GUY FAWKES PUZZLE

A Catherine wheel spins for exactly 24 seconds.

How many do I need to use to get a continuous display that lasts at least 5 minutes?

A big well done to Rachael McGibbon in S2 for winning this month's goody bag!





Teacher: If you got £10 from 10 people, what would you have?

Pupil: A new bike!

Celebrating achievement

Pupil of the month

Congratulations to all pupils nominated for pupil of the month from S1 and S2.



Special mention

Special Mention to:

Laura Flanagan and Lewis McTaggart for winning the Pupil of the month award.

Puzzle

Quote: Small minds discuss persons. Average minds discuss events. Great minds discuss ideas. Really great minds discuss mathematics

In five years time, I will be three times as old as I was three years ago.

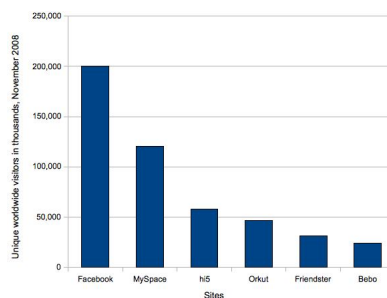
How old am I now?

Answer on back page.

Facebook Traffic rises

Every time Facebook makes changes to its platform, users get a bit frustrated and vent their anger, threatening to leave!

Despite this, the increasingly popular social networking site showed a 3.08% rise in traffic, taking nearly 52% of all visits to all social networking sites.



A testament to Facebook

showing that even when people get angry, changes are made and competitors come onto the scene,

THE social network still has the biggest market share and will do for some time!



Visit the brand new school website to keep up to date with what's happening and check out the maths pupil section on Glow. There's loads of stuff to help you!

Dates to note:

- S1 Information evening Thursday 3/11/11
- S3 Information evening Thursday 10/11/11

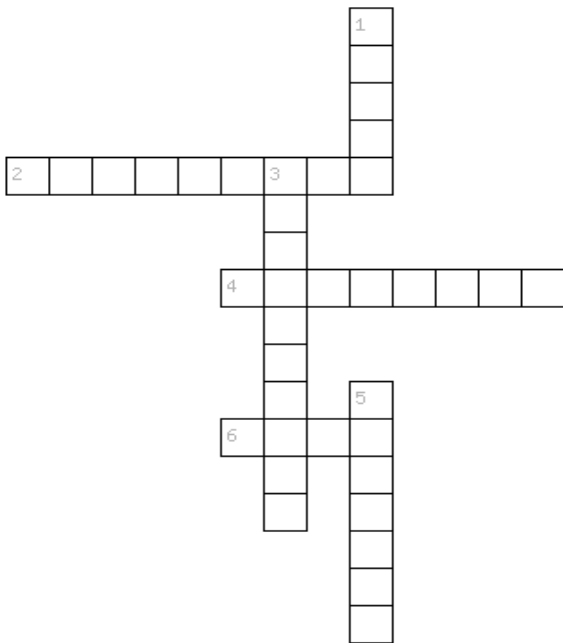


Riddles

Question: How many eggs can you put in an empty basket?

See below for answer.

Quick Algebra Crossword



Down

1. You could do this to an equation

3. $x < 6$ is one

5. These are found a lot in Algebra (and post boxes)

Across

2. Put brackets in

4. $2x + 4 = 6$ is one

6. only add or subtract...terms

Do you have any items for inclusion in next months newsletter?

Please submit articles of interest to Maths Department.

Answer to Riddle: Only one, after that the basket is not empty.

Answer to Puzzle: 7