

THE 5TH ANNUAL

**LIVERPOOL
MATHS
PARTY**



MAGIC MATHS

MATHS TRICKS TO ASTOUND YOUR FRIENDS



Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

What to do....

Have a friend circle a group of nine numbers. Make sure the numbers are in a 3 by 3 rectangle like the picture shows here. Tell your friend that you have the special ability to add all nine of the numbers circled in your head in a matter of seconds! You give the correct answer and have them check it with a calculator.

The Secret: All you have to do to get the sum of all nine numbers is to multiply the number in the center of the circled numbers by nine!

So for our example, the center number is 11.

So you just need to multiply in your head, "9 x 11".

For those of you who've memorized your multiplication facts, you know right away that the answer is 99.



Do you have anymore maths tricks you know?

Make a powerpoint with your maths trick on and send it to mcdonoughl@broughtonhall.com

All entries will be put in a hat and the winner will be announced the following week

Good luck



Some Maths tricks I like

<https://youtu.be/rwW3pUS0oNs>

https://www.youtube.com/watch?v=nd_Z_jZdzP4

<https://www.youtube.com/watch?v=l7IP9y7Bb5g>

<https://www.youtube.com/watch?v=dHzUQnRjbuM>

https://www.youtube.com/watch?v=aNpGxZ_1KXU

<https://www.youtube.com/watch?v=ggH8cKcPOHI>

