

Dear Parent and Dipsite,

The questions of the third edition of '**Magical Math**' are as below:-

- 100 people are standing in a wide circle. The person standing in number 1 position takes a gun and shoots the person to his right and passes the gun to the next person. The process continues till there is only one person standing. What is the position of the last person standing?
- Can you write the biggest number that can be written with four 1s?
- Can you combine eight 8s with any other mathematical symbols except numbers so that they represent exactly one thousand?

You may use the plus, minus terms, and division signs as well as the factorial function and the Gamma function. You may also use the logarithms and the combinatorial symbol.

- A friend of mine asked me to write down any multi digit number. But, he put a condition, the number should not end with a zero.

I put down the number 96452

Then he asked me to add up the five digits and subtract the total from the original number.

I did and here is what I got:

$$96452 - 26 = 96426$$

He then asked me to cross out any one of the five digits and tell him the remaining numbers. I crossed out the 2 and told him the rest of the digits. I neither told him the original number nor what I had done with it. Yet 'pop' he told me the exact number I had crossed out.

How do you explain it?

- Sudoku:

			2	6		7		1
6	8			7			9	
1	9				4	5		
8	2		1				4	
		4	6		2	9		
	5				3		2	8
		9	3				7	4
	4			5			3	6
7		3		1	8			

On account of SA I, we shall continue with this activity from September 28,2016.

Special Request :

Please do initiative to print out the each edition of '**Magical Math**' and take at home for your ward to attempt or help your ward access it online.

Your active involvement is requested.


Principal