

Mathematical Puzzle

Readers can solve the following puzzles. But, do not send solutions to us.

1. In the grid given below, arrange the numbers 1 to 9 in such a way that each row, column, and 3x3 block contains every number just the once.

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

2. How can you make two fractions that add up to exactly 1 with all the numbers 0 up to 9 (using each number exactly once)?
3. While I was working with the numbers I found a wonderful three digit number in which the sum of the squares of it's digits was equal to half of that number. Find it.