



Neurological Nasties

LI

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1. Sudoku Puzzle: Beginner Level

Choose a digit from 1 to 9 and place it in the Sudoku grid below.
Every digit from 1 to 9 must appear:

- In each of the columns,
- in each of the rows,
- and in each of the nine boxes.

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

2. Three maths teachers going to a Maths Conference book into a motel. "That will be \$30.00" says the bellhop. Each teacher gives \$10.00 and they go off to their room. The manager enters and says "That was a \$25.00 room. Go and give them \$5.00 back." The bellhop heads off but thinks....."How am I going to split \$5.00 between 3 people? Hey I will keep two dollars and give each of them a dollar." He does just that.....each teacher now paid \$9.00 and the bellhop kept two. $3 \times \$9 = \27 plus the bellhops two = \$29.00. Where is the missing dollar?
3. Sue and Marie meet after many years and have the following conversation.
Sue: "How old are your three daughters?"
Marie: "The product of their ages is 36."
Sue: "But that is not enough information."
Marie: "Well, the sum of their ages is the same number as the post office box that we shared at university".
Sue: "But that is still not enough information."
Marie: "The oldest one looks like me."
Sue: "Oh, now I know their ages."

What are the ages of Marie's daughters?