

Math Marathon

Level 1: Sudoku

A 9×9 square must be filled in with numbers from 1-9 with no repeated numbers in each line, horizontally or vertically and also no repeated number in small 3x3 square.

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

Level 2: Magic Squares

In a magic square, each row, column and diagonal add up to the same total.

The sum is 15.

8	1	
		7
4		

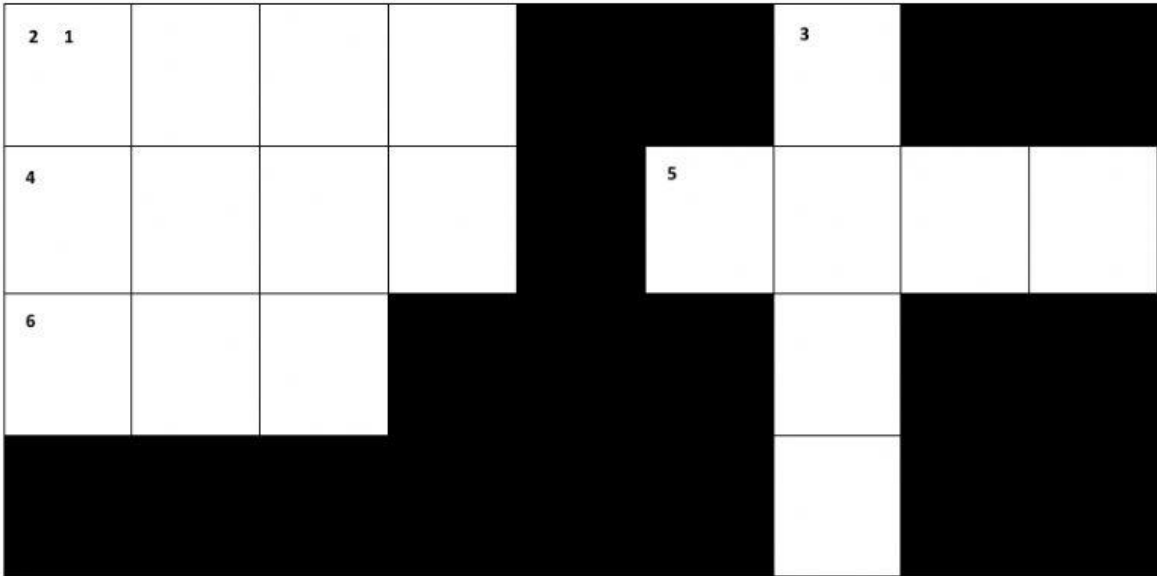
(Use digit 1 to 9)

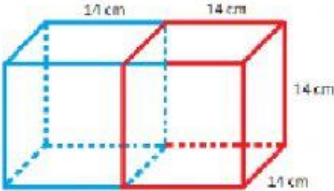
The sum is 12.

3		
8		0
	6	5

(Use digit 0 to 8)

Level 3: Crossword Puzzle



Down:	Across:
1) Find the volume of the cuboid whose dimensions are length = 8 cm, breadth = 16 cm, height = 4 cm.	Two cubes of edge 14 cm each are joined end to end to form a cuboid.  2) Find the volume. 4) Total surface area of the cuboid.
3) A pond is 50 m long, 30 m wide and 2 m deep. Find the capacity of the pond in cubic metre.	
5) A brick measures 15 cm in length, 8 cm in breadth and 5 cm in height. How many bricks will be used to make a wall of length 15 m, breadth 10 m and height 8 metres? (Final Ans = Bricks/1000)	6) Find the volume of the cube whose each edge is 6 cm.

