

# Mathematics Problem of the Week

## Problem number 235

Posted Monday September 29<sup>th</sup> 2014

Submit by noon, Monday October 6<sup>th</sup> 2014

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In a magic square the sums of all rows, all columns and the two diagonals are all the same. For example all sums are 15 in this square:

8	1	6	15
3	5	7	15
4	9	2	15
15	15	15	15

The magic square below contains one and 15 different prime integers. Recall that prime numbers are those with exactly two divisors, one and the number itself.

53	11	37	1

Complete the square.