## Prime Magic

Place the numbers $1,2,3, \ldots, 9$ one on each square of a 3 by 3 grid so that all the rows and columns add up to a prime number.


Is it possible to place the numbers $1,2,3, \ldots, 9$ one on each square of a 3 by 3 grid so that the diagonals, as well as all the rows and columns, add up to prime numbers?

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