



LEWIS AND CLARK COLLEGE

Department of Mathematical Sciences

PUZZLE OF THE WEEK (3/16/2016 - 3/29/2016)

Find, with proof, all positive integers n for which $1! + 2! + 3! + \dots + n!$ is a perfect square.

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- Correct solutions of the Puzzle of the Week #8 were submitted by Toby Aldape, Leo Di Giosia, Brian Gentry and a prospective student Max Hamburg. Congratulations!
 - One possible solution of the Puzzle #8 is posted online. (Look for the Puzzle of the Week announcements on the departmental web-page.)
 - Solvers should include their full name and some kind of a contact information. Solutions should be submitted to **Iva Stavrov** in BoDine 305; email submissions are encouraged (istavrov at lclark). Solutions should be received by the end of the day on **Tuesday, March 29th 2016**.