



LEWIS AND CLARK COLLEGE

Department of Mathematical Sciences

PUZZLE OF THE WEEK (1/27/2016 - 2/2/2016)

Two doctors, Alice and Bob, are asked to examine the same group of n patients. Each appointment would be 15 minutes long. The doctors would start at the same time and take breaks at the same time. In how many ways can the patients (and their appointments) be arranged so that all $2n$ appointments can be completed in $n/4$ examination hours? Justify your answer.

- Correct solutions of the Puzzle of the Week #1 were submitted by Toby Aldape, Eli Barnes, George Blikas, Leo Di Giosia, Brian Gentry, Andres Guerrero-Guzman, Emily O'Sullivan and Jack Reamy. Congratulations!
- One possible solution of the Puzzle #1 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, February 2nd 2016**.