

Problem of the Month April 2014

Unfortunately no correct solutions were submitted for the previous Problem of the Month.

We invite all students to keep submitting solutions to the POM.

You have until **April 30th** to solve the problem below. Solutions can be either

1. written neatly on a sheet of paper and dropped in the mailbox outside PB 352, or
2. typed up using your favorite text editing software (L^AT_EX preferred) and then turned in via email at ovega@csufresno.edu.

At the end of the month, we will review all solutions and post the names of the individuals who have turned in complete correct solutions, and who wrote the best* solution.

The student who writes the best answer for this month's problem wins the right to brag, and be correct in any mathematical discussion** that is held in the whole summer of 2014. Moreover, he/she will get a surprise 'math' gift!!!

Bragging rights winners, solutions, past (and future) problems of the month, etc may be found on

<http://www.fresnostate.edu/csm/math/news-and-events/pom.html>

Problem for April 2014.

This month, Oscar turns 40. He plans to bring cupcakes to his MATH 171 class on the day of his birthday.

When students learned this they asked when the historic day was (they just want to know when they will have cupcakes). He replied that he expects his birthday to be just perfect.

When is Oscar's birthday, and how does he manage to look so well at almost 40?

The second part of the question is rhetorical

* A solution will be considered better than other in terms of being correct, thoroughness of the explanation, beauty of the idea used, etc.

** Exams, quizzes, homework not included. Not valid where voided and with non-participating professors.