
Virginia Tech Math Contest, Oct. 24

Location: LSU Campus, TBA Registration Deadline: Oct. 1

Putnam Exam, Dec. 5

Location: Lockett Hall Registration Deadline: Oct. 8

** Problem-Solving Seminar **

Every Wednesday, 5:00 - 6:30 P.M. Third-Floor Lockett Lounge

Open to any **Undergraduate** Student

Free Pizza and Soda provided!!

Are you interested in challenging and fun Math Problems? Attend the weekly Problem-Solving Seminar and sign up to represent LSU in national Competitions! Everyone is welcome: you do **not** need to be a math major, and only Calculus (MATH 1550) is required!

- Without a calculator, determine which is larger:

$$2015^{2014} \quad \text{or} \quad 2014^{2015}?$$

- It is possible to insert plus signs so that the following sum is correct:

$$1 \ 2 \ 3 \ 4 \ 5 \ 6 \ 7 \ 8 \ 9 = 99.$$

However, to achieve a sum of 100, plus and minus signs are required!

- What is the value of

$$\sqrt{1 + 2\sqrt{1 + 3\sqrt{1 + 4\sqrt{1 + 5\sqrt{\dots}}}}} \quad ?$$

To register or learn more about the Competitions, please feel free to attend the Problem-Solving Seminar, visit the website below, or write to Professor Karl Mahlburg.

e-mail: mahlburg@math.lsu.edu

Website: www.math.lsu.edu/~mahlburg/teaching/2015-Putnam.html
