The William Lowell Putnam Mathematical Competition

takes place Saturday, December 7, 2013.
In 2012, the Stanford team placed twelfth.

Sign-up and Introductory Meeting
Mon. Sept. 23, 6:00 pm, in Bldg. 380 − Room 380Y

We will also meet regularly on Monday evenings from 6PM for the problem-solving preparatory sessions (a.k.a. the Polya Problem-Solving Seminar, or as the 1 credit course Math 193). If you can't make it and are even potentially interested, please e-mail ksound@math.stanford.edu.
For more information: http://math.stanford.edu/∼ksound/Polya.html

Sample problems:

1. (Chebyshev) Prove that

$$\frac{(30n)!n!}{(15n)!(10n)!(6n)!}$$

is an integer for all natural numbers n.

2. (Polya) If a side of a triangle is less than the average of the other two sides, then the opposite angle is less than the average of the other two angles.

3. Suppose you color each point on your table red, white or blue. Must there necessarily be two points of the same color exactly one inch apart?