Math News

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KME Corner

Kappa Mu Epsilon, national mathematics honor society, will meet on Wednesday, September 30th at 7:00 pm in CCIT 245. The agenda is to include discussion of a fundraiser and – you guessed it – pizza.

This year's officers are Dustin Ullery (President), Morgan Allman (vice-president), Amanda Monahan (secretary), and Tyler Ram (treasurer).

Seminar on Tap

Anthony Dukes, Associate Professor of Marketing at the University of Southern California, will present "A Mathematical Approach to Bargaining, with Applications to Business, Economics, and Politics" on Wednesday, September 23rd at 7 PM in CCIT 156.

Game Nights to Continue

Dr. Dunmyre will continue to host periodic game nights for interested individuals. The first will be on Thursday, September 24th in CCIT 237.

MAA Membership Offered

The Department of Mathematics plans to upgrade its departmental membership in the Mathematical Association of America to allow for any interested students to gain membership at no cost. Included will be access to MAA journals and newsletters.

Around the Web

Here are but a few fertile results from a Google search "mathematics news". (Recall our MATH NEWS is available on-line at http://www.frostburg.edu/dept/math/math-news/).

http://www.wired.com/2015/06/answer-150-year-old-math-conundrum-brings-mystery/

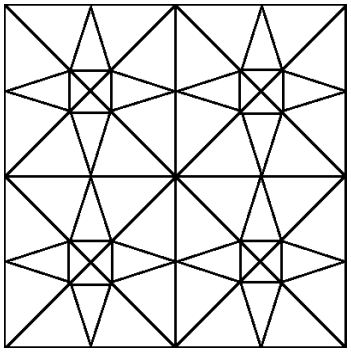
http://www.newyorker.com/magazine/2015/02/02/pursuit-beauty

http://www.sciencedaily.com/videos/80f4dfa6ce9c856dbe77e51c4f9a301f.htm

http://phys.org/news/2015-03-mathematicians-year-old-problem.html

http://discovermagazine.com/tags/math

The Triangle Count



There are 4 quadrants, so count inside each quadrant first. The center square has 4 tiny triangles and 4 more made of combining 2 tiny ones together (= 8 so far). Outside of the center square, each edge has 3 more triangles (+ 12 now). And, the whole quadrant is a larger version of the center square, so there are 8 more (8 + 12 + 8 = 28). Multiply that by the number of quadrants (28 x 4 = 112). Now, going across quadrants, there are 4 triangles with their point at the center, 4 more with their point at the middle of an outside edge, and yet 4 more with their point in a corner (+ 12 = 124).

Now, would anyone care to count the line segments?

New Riddles

(from http://goodriddlesnow.com **)**

A claustrophobic person gets on a train. The train enters a tunnel just as it is leaving the station. Where is the best place for the passenger to sit?

A hobo picks up cigarette butts from the ground and can make a cigarette with 4 butts. If he finds 16 cigarette butts, how many cigarettes can he make?

You create your own *Where's Waldo* game on a piece of paper. You want your friend to find Waldo but they think you might be pulling a prank on them by not putting Waldo on the paper at all. How can you prove to your friend that Waldo is on the paper without ruining it for them?

A man was born on January 1st, 23 B.C. and died January 2nd, 23 A.D. How old did he live to be?

If you're in 3rd place and you pass the person in 2nd, what place are you in?

Math News is published for students, faculty, staff, and administrators by the Department of Mathematics.