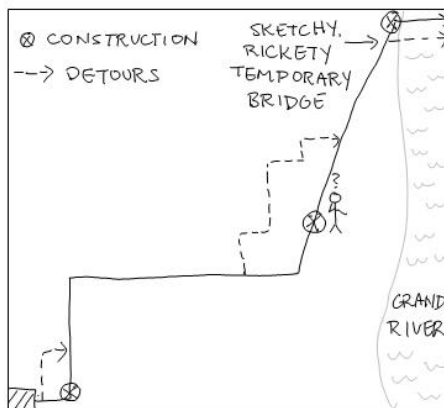
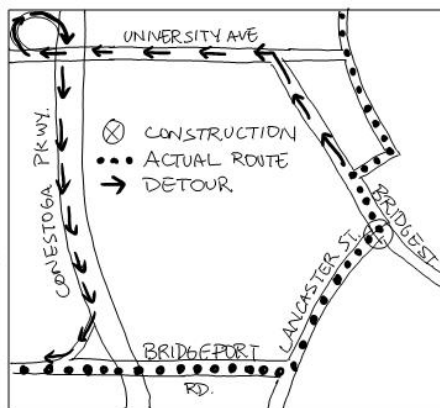


math NEWS

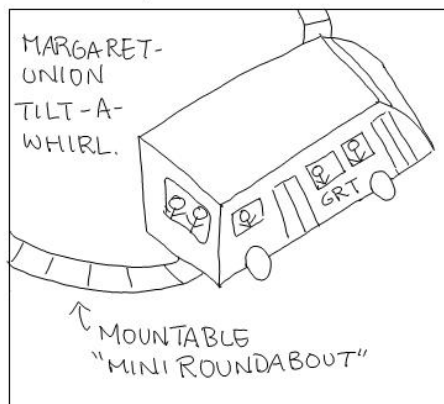
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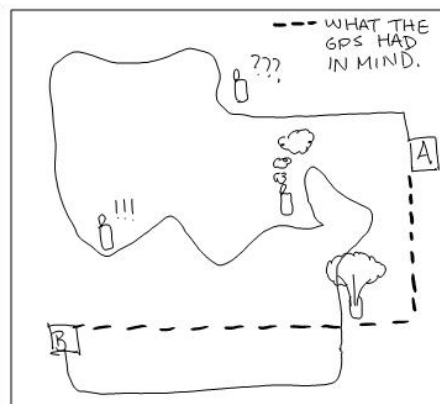
6: MOST DETOURS/KM (3 DETOURS OVER 8 KM, SO 0.375 DETOURS/KM)



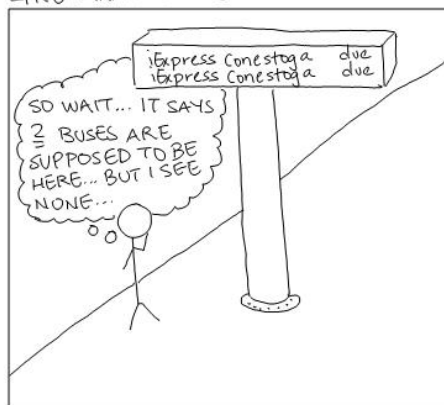
35: ROUTE DETOUR WITH GREATEST DEVIATION FROM NORMAL



8 (WEBER): ROUTE FEATURE MOST LIKE AN AMUSEMENT PARK RIDE



9: MOST LIKELY TO MAKE A GPS SPONTANEOUSLY COMBUST.



200 (GRT'S INTERNAL # FOR THE 'iExpress'): WORST USE OF TECHNOLOGY



12: UNPOPULAR KID NO ONE LIKES BUT CAN'T IMAGINE NOT HAVING AROUND

Volume 110, Issue 4
Friday, June 26th, 2009



lookAHEAD

mathNEWS

June 26	Issue 4 becomes the reason you come to class on Friday.
July 6	The editors are forced to actually do work for Production Night 5.

MathSoc

Tuesdays	Movie Nights 7:00 in comfy
Thursdays	Games Nights 7:00 in comfy

Math Faculty

Questions about these?	See an Academic Advisor
Ongoing	The Math Faculty still has nothing to say to mathNEWS , we feel left out.

CECS

July 2-31	Continous round of Interviews
July 2	Rankings open
July 3	Rankings close
Ongoing	Many many workshops, see them all at http://www.cecs.uwaterloo.ca/students/

Miscellaneous

July 1	Canada Day
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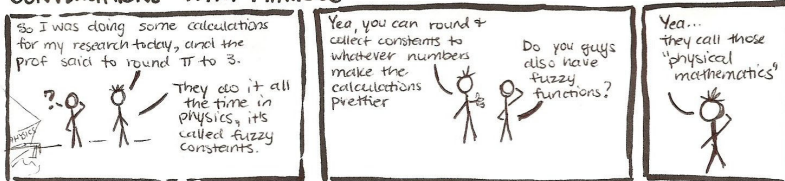
Known Issues

mathNEWS Volume 110, Issue 3

In the article titled "You Can Know Big Words and Still be an Idiot", the first line should have read: "So in the most recent issue of Imprint (Vol. 32, Issue 3)...". [Attention Imprint: For future reference, this is how you should make corrections. — StaticED]

The Editors

CONVERSATIONS WITH MATHSOC



ISSN 0705—0410

mathNEWS is normally a fortnightly publication funded by and responsible to the undergraduate math students of the University of Waterloo, as represented by the Mathematics Society of the University of Waterloo, hereafter referred to as MathSoc. mathNEWS is editorially independent of MathSoc. Content is the responsibility of the mathNEWS editors; however, any opinions expressed herein are those of the authors and not necessarily those of MathSoc or mathNEWS. Current and back issues of mathNEWS are available electronically via the World Wide Web at <http://www.mathnews.uwaterloo.ca/>. Send your correspondence to: mathNEWS, MC3046, University of Waterloo, 200 University Ave. W., Waterloo, Ontario, Canada, N2L 3G1, or to userid@mathnews@student.math.uwaterloo.ca on the Internet.

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The editor(s): Pinky and the Brain and Larry: John Stevenson, John Baxter, Rami Finkelshtein (google it)

mastHEAD

Firstly, Imprint, you suck. Nextly, Imprint, you suck. Stop calling us out on trivialities. Also, Imprint, you suck.

42 nearly threw a bottle of moisturizer/sunscreen at me, and what could I have said other than "Oh, no! My face! It is both protected and renewed!" Seriously, though, having a bottle thrown hard at your nose hurts. A lot less than you would guess, but a lot more than you would like to experience personally.

We are once again low on writers, thanks to the ravenous pack of midterms prowling the halls. It will be many a night before we reassemble the tribe. Until then, remember to keep your friends close, and your enemies within range. And always, if you see a midterm, contact Food Services and the Campus Police immediately. It is of the highest importance!

What's really in Crystal Light?

"*snortttt* DOOD! I am God!"(unja), "I'll have what unja's having. It's M@jyK Powder."(42), "If I told you, it would compromise my plot to take over the world MWAHAHAHAHA!!!"(InsideR), "What ever the stoners on the production line put in."(snippet), "Ambrosia for the king!"(The Hee Ho), "Crystal Light is Crystal-Math."(StaticED), "People. Crystal Light is my fix with the LCBO strike."(Angelo), "Blackest magic"(inXSE), "Crystal & Light? haha some honey, sweet thing! *wink*" (Queen B), "It's made of the 5 crystals that hold Ganon from our plane."(Tbor)

ImpulsED
"HAhAhaHa..."

Movie Nights and Your Opinions

This term has had an excellent turn out for movie nights. But if you're one of those that hasn't visited: The movies are free, the snacks and pop are free, and there are still many exciting movie nights to come! Movie nights are every Tuesday at 7PM in the Comfy.

This week we had the crime movie night, so called, 'Definitely Not a Movie Night,' with The Illusionist and Catch Me If You Can. Be sure not to miss next weeks line up: Dr. Horrible, Back To the Future, and Rocky Horror Picture Show.

We have many more movie night ideas in mind:

- Post-Apocalyptic Movie Night,
- Disney Movie Night,
- Bad Game Movie Night,
- Musical Movie Night, and
- Nerdy Movie Night

If you have any suggestions, or preferences, please e-mail movies@mathsoc.uwaterloo.ca.

Lastly, MathSoc Movie Night is considering an extended Lord of the Rings movie weekend. If you like this idea, please send to movies@mathsoc.uwaterloo.ca along with your preference of all on one day, or each night shows one movie.

Remember: Every Tuesday at 7PM in the MC Comfy Lounge.

Student Council Elections

From Tuesday 30 June to Thursday 2 July, math students will be voting in a by-election for two seats on Student Council.

There are four candidates running for these seats, and we requested a short statement from each of them asking why they deserve your vote and why you should care about the Federation of Students. Two of them didn't reply before the publication deadline, and so we will not speak on their behalf. The other two, Ajnu Jacob and Barbara MacDonald, forwarded these statements for your reading pleasure.

Voting will take place online next week (Tuesday to Thursday) at <http://vote.feds.ca>.

InsideR

Ajnu Jacob

I - Ajnu Jacob - already accomplish the basic duties of a FedS student councillor by representing my constituency as an undergraduate student senator and by being an integral and informed part of student politics. Having said that, by nominating myself as a FedS Math student councillor, I essentially intend on expanding my horizon by making a difference in the Federation of Students. And how do I plan on doing this? The Election Committee has failed to fulfill its fundamental duties; for instance, for this year's summer election the campaign period had to be extended due to poor administrative practices, where a nomination form from one of the candidates was misplaced and had to be re-submitted by the candidate at a date past the nomination period. I want to help FedS administer better by being on this committee for Winter 2010 (provided I am not running for any of the positions during the said period). Another aspect that I want to contribute towards is the Student Life Endowment Fund by being financially sound. I have managed a Society's expenditure for two academic terms and by being involved with the Math Endowment Fund since Winter 2008, I essentially am qualified to contribute to such a representation as SLEF and EOI - and I hope to not oversee grievous errors that impacts the financial distribution of the student life. Other areas of FedS that I wish to contribute towards are the Budget Committee for reasons that have already been established. All in all, I am endorsing myself as the best candidate that you as a math student could vote for! And I refuse to believe that apathy exists among UW students - it is the cause that essentially matters - make FedS your cause.

Ajnu Jacob

Mathematics Endowment Fund has openings!

Sign up for the funding council, board or directorship

The Mathematics Endowment Fund takes your money, so you should help us decide where it goes! Sign up to be a member of the funding council by picking up an application available on the outside of the MEF office door at MC3028! From there the possibilities are endless, including being a board member or even MEF director! Sign up today and get involved with a multi-million dollar endowment fund.

Michaelangelo Finistauri
MEF Director, S09

Barbara MacDonald

I am a 4th-year CS student who has done much in my past 4 years at UW and likes being involved. I have been involved in extra-curriculars for many years and have a lot of knowledge about student life on campus. Most notably, I am particularly involved in Orientation since I have been a Math leader, Math FOC, and am currently the Orientation Admin Co-ord (FOCAC). I enjoy bettering the lives of our incoming students and ensuring their transition to UW is as seamless as possible. I also participated in the first term of VeloCity and have volunteered many weekends for campus days!

In 2008, I was a Computer Science Representative on MathSoc and made decisions on behalf of all CS students. I feel like I am a typical Mathie - I program, play video games, have fallen asleep in the Comfy, spent many hours slaving away in labs, cringe at daylight when I leave the MC and, most importantly, regularly read *mathNEWS*. In the upcoming terms, I will be available to talk to Math students and listen to their advice and concerns. When I make decisions, I think about how Math students will be impacted first.

The Federation of Students makes many decisions on behalf of UW students and these decisions directly impact Math students. Therefore, Math students should care about Feds and the decisions they make. Math students can learn more by reading Imprint and *mathNEWS* and staying informed. Students can also contact their respective Councillors and the Feds Exec if they want to voice their input.

Barbara MacDonald

Your lack of grammar... disturbs me

In response to Matt Pankhurst's article in Imprint

In *Imprint* volume 32, issue 4 Mr. Pankhurst wrote a particularly arrogant article commenting about the grammar in, of all things, restaurant menus. The only thing that makes this particularly amusing is that Mr. Pankhurst has a strong detest for the comma splice, but has yet to master the difference between a heading and a title. Titles have capitals on all words which are not prepositions. Headings have the same capitalization as any regular sentence. For someone who is so concerned with the menial details of grammar in restaurants, you'd think that you'd pay attention to something as simple as capitalization. I don't want to spend too much time on this, but I'm pretty sure that Mr. Pankhurst also failed reading comprehension as well. Grammatical errors happens. Deal with it.

Angelo

mathNEWS in the Morning

mathNEWS' official Youtube provider!

There's a new one online. Also: if you love video editing, then you can replace me-ho! Hee-so get involved and be a *mathNEWS* video editor and enjoy the freedom of expression and free noms :D

The Vid-Hee-Ho Editor

Orange: Crushed

A final farewell piece

You may have noticed that the UW campus has suddenly become much less orange than it used to be. You may have also noticed that my usual *mathNEWS* spot was empty last issue. Well, there's a good reason for that. I regret to announce that Orange Crush is no more. A few weeks ago, some stuff happened, and I had to go to the Grand River Hospital. It'll take me a while to recover, so I had to quit the term. Hopefully the nice *mathNEWS* editors will still publish this, because it's a serious and important little article. Well, as serious as I can get anyway.

I discovered a few important truths I've got to share with you people. Here they are:

1. The Grand River hospital has a psychiatric ward with really nice staff.
2. Hospital food isn't as bad as you'd imagine. That doesn't mean it's edible, but at least they try.
3. My suggestion for a slogan for the psychiatric ward: if you're not insane when you come in, you will be by the time you're out. There's just nothing to do, nothing at all. You just sit and think for a few days, it can really mess you up.
4. My friends tried to smuggle me some old issues of *mathNEWS* so that I'd have something to read. They were confiscated by a nurse because they were a threat to patients' sanity.
5. You haven't really been shot down until you've been shot down by a mental patient.
6. On that account, you never really got stood up until you got stood up by your psychiatrist.
7. I expected to see more Laurier students who committed themselves just in order to get a free meal and a bed for the night. I was disappointed, but maybe it's only because it's the spring term.
8. The movie *One Flew Over the Cuckoo's Nest* is not that far-fetched.

But seriously, if there's one point I want to stress: there's nothing more important in life than your friends and the people who care about you. I've seen way too many lonely nerds who spend all their time alone studying for tough math courses, or doing cs work, or just playing video games online with people they don't really know. I've seen people with 500 friends on Facebook and 0 friends in real life. I've known people who would cheat and hurt people just to get what they want, whether it's a top mark or whatever it is (well, those are much more common in Laurier, but still).

Real friends are people who would save your life when you already gave up on yourself. If you don't have a real friend like that, find one. Find two. There are people all around you, in class, walking on campus, running away from carnivorous geese. Talk to them, they won't bite (the people won't, the geese might).

Because at the end of the day, nobody gives a damn whether you got 70 or 90 in linear algebra 2, when you're at your lowest good marks won't help you. Friends will.

(Note to readers: no, I wasn't paid off by Disney to write that).

I made some mistakes, and thanks to friends I'll get over them. Without those people, I don't want to think where I'd be right now (hint: it's not Florida). So yeah, this is my last piece. I'm shedding my Orange Crush mantle for good. I'm sick of it anyway, plus some soft-drink company was about to sue me, so that's it.

I am sorry I wouldn't be able to deliver a show at the end of the term... so I'll leave you with one more bit of my act:

You know what I realized lately? Old cartoons don't apply in real life situations. Now I know, animals don't really talk and if you run into a painting you're just going to slam into it (unlike road runner). But I'm talking about the psychology of it. I mean, it had to come out of something, right? All those old cartoons where bugs bunny beat up that guy with the big red moustache who dressed up like a pirate, or a Nazi, didn't they have anything to do with real life?

One of my favourite classics was that bit where the Bugs Bunny is arguing with that duck (I keep forgetting whether it's Donald or Daffy... I know one is the Disney guy with no pants and the other guy has no pants either but you can understand what he's saying). So Bugs says it's duck season, and the duck says it's rabbit season, so Bugs says it's duck season, and the duck says it's rabbit season, but then Bugs says it's rabbit season. The duck gets confused and says it's duck season and the other guy who can't talk right with the big hat shoots him, and then the duck ends up with his beak on the back of his head. You know what I'm talking about?

So I decided to try that in real life. Not a good idea.

One day I got caught by a cop while driving over the speed limit. I had a perfect excuse: I was drunk, so I was trying to minimize the amount of time I spend on the road in order to make it safer for everyone else. So I drove 120 at an 80 zone. The cop didn't think my excuse was too good, so he says you were speeding.

So I go I wasn't speeding.

Then the cop goes you were speeding.

Then I go I wasn't speeding.

You can guess the rest cop gets mad and locks me up for the night. I was heartbroken at finding out the TV lied to me when I was a kid. But on the plus side, my nose stayed on the right side of my face.

So that's it. Have a nice life.

Orange Crushed

Horrorscopes

Sexy fun times

ACCOUNTING: The IPO market for venture-backed companies has gone south in the last couple of years. You decide to take the Sarbanes Oxley rules out back and shoot them so that you can fudge some numbers and make yourself millions. You shoot yourself in the foot, develop gangrene and die.

Your lucky number: The Big Four.

ACTSCI: You are given an assignment to find out the appropriate life insurance rate for an obese chain smoker with a penchant for confrontation. While pondering the problem you meet a tall, dark stranger who steals your hat. You decide that the cancerous fatty should be charged provincial sales tax.

Your lucky number: 8%.

AHS: You apply your health science to discover why I feel sick every time I eat pizza lately. You wonder vaguely if that's too much information to be in *mathNEWS* but at least there's nothing actually gross involved. Anyways, you suck at applying health science and I die from food poisoning. My parents sue you.

Your lucky number: \$2 million settlement.

AMATH: You get into an argument with a pure math student about whose discipline is greater. You claim that applied maths serve the greater good, but the pure math student tells you that you and your math are ugly. You apply a choice axiom to his argument and reduce it to shreds. You win.

Your lucky number: 1 positive horrorscope. Finally.

ARTS: Look, there's really no point in reading your horrorscope this week. You have midterms and will therefore be getting so drunk you won't remember anything I say. I'm was just going to say that you're poor and living in a box, anyways. Which you are.

Your lucky number: 60% average.

BBA/BMATH: OK seriously guys, I just checked and the BBA/BMATH double degree is under MATHBUS. So you wake up and realize that you're not special just because you have your own horrorscope. In fact, you feel like nothing makes you important or unique. You work your butt off for a double degree just so you can be in business where people hate you. You feel unfulfilled.

Your lucky number: 3% of customers satisfied.

C&O: You decide to optimize yourself and give up drinking, fatty foods, and being a loser. Suddenly, women are attracted to you and you no longer have time for elegant graph theory proofs. You fail out and join the Hair Club for Men.

Your lucky number: k.

CS: You decide to take an Advanced Topics course, Machine Learning. You come to appreciate boolean functions for their ability to double as sets, and decide to only use boolean functions in the future. Your ability to see shades of grey disappears and you become a Canadian Rush Limbaugh.

Your lucky number: 489.

ENG: If you are not in Systems Design, you are jealous of the SYDEs for having such awesome upper-year courses. If you are in SYDE, you laugh at all the other engineers. If you are not in SYDE, you become angry and kill all the SYDEs. If you are in SYDE, you die.

Your lucky number: 90 new SYDEs per year.

ES: You fly to the Gulf of Mexico to battle El Niño. Your environmental science is overwhelmed by the phenomena, which

has the help of Global Warming. Fortunately, Nuclear Winter shows up and eliminates Global Warming. It's unfortunate for the kangaroos, though.

Your lucky number: 2600 more than anybody else.

MATHBUS: You take courses at Laurier and realize that this basically makes you an Arts student. You work hard to be a good businessperson so that you won't have to be poor and live in a box, but some scumbag at your employer defrauds the shareholders and you end up circling the drain.

Your lucky number: 42.

MATHSCI: You become an Undergrad Research Assistant and present a paper on the science of mathematics versus the mathematics of science. The professor you work for sells you into slavery for being such a moron, and you spend your life doing menial labour.

Your lucky number: 1 meal per day.

PMATH: After much searching, you discover an untainted area of mathematics: automorphic forms. Unfortunately, you have no idea what an eigenfunction of Casimir operators is. You struggle in vain to understand and eventually return to disgusting, impure math.

Your lucky number: L^2 .

SCI: When you were growing up, you always dreamt of being a Scientist. Yes, with a capital "S". After a couple of lab assistant jobs, you realize that it's not as glamorous as you imagined. In spare moments, you create a toxin to kill everyone who has disappointed you. Unfortunately, the antidote is vitamin C and no one you know has scurvy.

Your lucky number: 0.

SOFTENG: Against all odds, you managed to get into CS 240 so your ATEs won't be limited. Halfway through the term, you realize that you didn't want to take any algorithms courses anyways and fail the midterm. Your "friends" in SE 240 laugh at you.

Your lucky number: $O(n^{\log ba})$.

STAT: You decide to calculate the probability that Ahmadinejad actually won the election, but realize halfway through that you are a horrible person and don't care about whether justice was done. You can't live with yourself anymore, so you kick yourself out of your apartment.

Your lucky number: 11 million.

UNDECLARED: You decide that you need to start making decisions. "That's a good first step," you think, and decide to celebrate. On the way to the bar, you realize you've made another decision. Overjoyed, you drink yourself into a coma.

Your lucky number: 99 bottles of beer.



inXSE

*prof*QUOTES

Does anyone have any questions about that? Hmm? There is a lot of mumbling going on - that is usually an indication that you are explaining what I just said much better than I did.

Diana Chisholm STAT 333

There is nothing special about S ... It might be sexy, but it's not special.

Peter Hoffman PMATH 330

... It's not the empty clause, Therefor you have to go to jail for 99 years! Gotcha!

Peter Hoffman PMATH 330

Jao : We have this room until 2:30pm

Other Prof: Oh! It seems this room is double booked. We have an exam at 2.

Jao: That's unfortunate! [Goes back to teaching]

David Jao MATH 239

[Prof] So, how many classes are you taking this term?

[Student] Seven

[Prof] It I were your parent, I'd beat you up.

[Student2] ... That is so going into *prof*QUOTES

[Prof] Man, if someone puts this into profQuotes, I swear!... I was in the army, you know ...

Unknown Prof

My younger sister, who just finished her degree from Guelph, but I love her anyway ...

Jeffrey Orchard CS 370

So you get up in the middle of the night wander around your room, or maybe Uptown Waterloo.

Jeffrey Orchard CS 370

If you took every possible 10 megapixel image, most of them would be garbage, some would be porn, and a couple would be you.

Jeffrey Orchard CS 370

Do you know what I'm talking about? Do you ever know what I'm talking about?

Jeffrey Orchard CS 370

Student: You can put Windows on a Mac.

Prof: I know, its a shame.

Jeffrey Orchard CS 370

[on Eucler] It's "Oiler," like the Edmonton Oilers.

Jeffrey Orchard CS 370

Mathies don't know what 1/0 means. They simply say so in Greek.

Larry Smith ECON 102

[On GM] Yes, the sales of Government Motors went up.

Larry Smith ECON 102

I'm working at General Motors. Okay, bad example.

Larry Smith ECON 102

If you did not come down a birth canal, raise your hand. [2 people raise hands] Oh, come on ...

Larry Smith ECON 102

Revert to the old norm. Have 2 kids, maybe a spare in case one is an idiot.

Larry Smith ECON 102

Investors said, "Here's money, make it bigger."

Larry Smith ECON 102

The sheep are hiding in their little holes.

Larry Smith ECON 102

Whenever you want to enjoy fine food in Paris, or burritos in Los Angeles.

Larry Smith ECON 102

[on Twitter] Don't tell me that "tweet" is a word. "Toot" is just as good.

Larry Smith ECON 102

Victory is defeat. A digital world.

Larry Smith ECON 102

I am a nanotechnologist. I make things people have never seen.

Larry Smith ECON 102

If you become a supporter of food self-sufficiency, we must shut down Saskatchewan.

Larry Smith ECON 102

By induction, which is more or less the same as magic.

Theresa Biedl CS 466

I'd hate to admit it. I'm human too.

Caroline Kierstead CS 246

Me, me! It's all about me, remember?

Caroline Kierstead CS 246

We've got lots of wishy-washy answers for you.

Caroline Kierstead CS 246

You'll fail again in another three hours, but that's ok. You're used to it. [About the Windows blue screen of death]

Caroline Kierstead CS 246

Most people do not have names over a hundred characters long.

Caroline Kierstead CS 246

The other elements. The ones that refer to programming, not mysticism.

Caroline Kierstead CS 246

You guys will still exist, probably more happily. [About deleting herself]

Caroline Kierstead CS 246

You've been standing up here and talking for, like, five weeks now!

Caroline Kierstead CS 246

You didn't hear me say that.

Caroline Kierstead CS 246

Can you guys weep with me? I have a sad story.

Caroline Kierstead CS 246

Ask the Panda

Life-changing advice since pants were fashionable

Another issue, another column. My last column was greeted with relatively favourable responses, so here we go again! The word of the week is **Friendship**. Why? I have no idea, it's just something I've felt strangely affected by recently. One very nice analogy of life is that of a subway rider. You're on a train going somewhere, at least, by your reckoning. Somewhere down the line, plans may change, you may want to get off and take a different train. People will come onto your train, others will leave. The people that you meet on the train, the ones who share smiles and tears with you, who will keep in touch with you even when you're on another train (with no wireless signal), those will be your closest friends. A book I've been reading recently suggests that people are friends by proximity, and that's a point I can't argue. Thinking back, I've lost many friends by the way of distance alone. Just remember, some friends are friends you want to keep for a lifetime. Having a friend is just like any other relationship, you need to work at it and have communication for it to survive. I'm rambling here, so let's get on with a few questions:

I like this girl very much, but it seems like she doesn't like me. My friends tell me to go for it, but I'm too scared to be rejected. What should I do?

Unrequited Loverboy

Wow, is that ever a generic question that I've seen many times before. There's always a lot of thinking you need to do prior to doing anything. Firstly, what's your relationship with her now? Friends? Acquaintances? Nothing at all? Secondly, no matter what your friends say, **NEVER CONFESS**. Sounds counter-intuitive? It's because it is. Confession will both place the power in her hands as well as set you up in the open. Instead, opt to get to know her better if you don't already. Ask her to do something with you sometime, or if you guys know each other well enough, then I suppose you might want to consider how it'd affect your friendship in case of rejection. If after considering these factors, you think the payoff is worth the risk, then by all means, I agree. On the other hand, if she's the only friend you've ever had, Well then.

I just got out of a relationship with my boyfriend, and immediately there's this guy who can't seem to stop following me around. He just confessed to me as well! I told him that he'd be the rebound guy if we were to go out, but he is still trying to convince me that he'd be a good boyfriend for me. What should I do?

Confused and emotional

Wow, is that a pickle or what? The problem here seems two-fold. Are you ready to date again immediately after the death of your previous relationship? Personally, I don't know if it's such a great idea to immediately commit after another just ended. Even if you think you're fine, you wouldn't usually be. Now this new guy, do you like him? I'm not advocating getting into anything serious with him at his request: If he liked you enough I'm sure he can wait for a bit while you catch your breath. Hell, tell him that if you need to. Not that I'm doubting his ability to be a boyfriend, mind you, just that in my opinion, you sound like you need time so do it, take time to decide. Don't lead him on though, if you have no interest in him, let him know now, don't ask him

to wait and then back out on it, that's just a bitch move to make. Good luck with that!

Not as many questions this week, clearly you guys are all lacking in the issues department. That's good! If you need advice, or just another point of view, give me a shout! And while I'm at it, good luck on your midterms! Don't fail out of your program!

Dr. Panda

Math Haikus

Why isn't pizza here?

CS

C is annoying
Oh no, pointers everywhere
Segmentation fault

C&O

I can count to three
I can count to seven too
Combinatorics

Undeclared

Decisions are hard
Why can't someone choose for me
Leave it to next term

Anyone with an assignment due tomorrow

Three hours to go
Need to get this handed in
Procrastination

ElseWhen

The 70's are back!

Dug up from the bowels of mathNEWS office, this little chunk of "gold first appeared in Volume 7, Issue 2, January 24, 1975. Outside of a few technological updates it's still very applicable

Hack Prayer

Our Computer,
Who art in process,
Hallowed be thy labels.
Thy output come,
And it will be done
as it is in core.
Give us this day our
daily run,
And forgive us our bugs,
As we forgive those who
keypunched against us.
For thine is the reader,
the printer, the punch
For ever and ever

All byte

That 70's Guy

Relationship Advice From a Jobless Loser

From: purple_sparkle@hotmail.com

To: ms5@figureitout.com

Dear Loser,

So recently I broke up with my boyfriend of around a month because we weren't doing enough stuff. But I've been missing him and thinking of getting back together with him, even though I've recently started to disapprove of him partying. And he isn't in the same group of friends and I don't know what to. Help me out, will you?

Emotional Girl

From: ms5@figureitout.com

To: purple_sparkle@hotmail.com

Emotional Girl,

Make up your mind. If you've decided to break up with him stick with it and know why you're doing it. I can't make your decisions for you, I can't even get a job! Seriously, I even failed at getting a grocery job this summer, so I don't see how I can help you. It doesn't seem that hard though. From one whiner to another, we need to shut up and get to work.

Jobless Loser

From: sexcrazedmaniac@gmail.com

To: ms5@figureitout.com

Dear Loser,

I need sex. Absolutely need it. From a man or a woman, it doesn't matter, I'm absolutely desperate here. I'm not unattractive, so why has no one shown any interest in me? I need help!

Average Male

From: ms5@figureitout.com

To: sexcrazedmaniac@gmail.com

Average Male,

Shut up. Seriously, if you really want sex go get a prostitute. Or go out to clubs. Be proactive! Do what I should be doing while looking for work! Offer sexual favours more if you're really willing to give them. Alternatively, if you're extremely desperate, there are morgues, if you don't mind them a little stiff. And of course there is the old standby, though hopefully you haven't got carpal tunnel yet.

Jobless Loser

From: thewanderer@grt.ca

To: ms5@figureitout.com

Dear Loser,

I don't know if you can help me but I'm a loser much like yourself. I've lost my way this summer term, and have come to the habit of riding the buses around all day, looking everywhere for free meals. Any advice for a lonely lost girl who can't wait for fall term?

Sexy Hobo

From: ms5@figureitout.com

To: thewanderer@grt.ca

Sexy Hobo,

The first piece of advice I'll give you is that Starbucks will give you a free glass of water. The second is an offer: Want to meet up for a water date? Sure it might seem primitive, but from both of our situations it seems appropriate. Send me off another email, and we'll see if we can meet up along the railroad tracks like hobos ought to do.

Jobless Loser

A Jobless Loser
monkeyspoon5

De-boring Yourself

Not in the digging sense

Gloomy, that's all I can say about a few hours ago. But, it's back to sunny again. Just like my weekend, starting from Friday. It started so rough, all the arguments, but then it all got better after talking about it and apologizing (it wasn't too late to apologize). I think I'm going to write about what you can do during the weekends to de-bore yourself.

10. If you really really don't have anything else to do, hang out in MC. Although this is bad, but you can always find something to do in here. Like, watching a movie on your laptop or just chilling. Maybe fall asleep in the comfy lounge.
9. Go to the movies and watch UP. It's hilarious; especially the talking dog.
8. Walk to uptown and get gelato. It's so good and you can always go to the waterloo park after and watch the llamas.
7. Bike to Stratford if you're really bored. If not, you can always just bike around town. It's exercise at the same time.
6. Go to Columbia Lake. I've never been there, but I heard it's nice. You can always have bonfire there, but with permission.

5. Go to the gym. Keeps you healthy, you can check girls/guys out and have fun.
4. Go bowling. There's nothing better to do than playing with balls. (If you know what I mean * wink *)
3. Go for laser quest or paint ball. Just think about your opponents as the course that you dislike and start shooting them. (I know I sound so mean).
2. Think about what to write for *mathNEWS*. Just like me, I keep on ranting in *mathNEWS*. It's A LOT OF FUN!
1. If you're living on a very high floor at your residence, maybe the 9th floor, tie yourself to a rope and then bungee jump from the balcony. (Only do this at your own risk) Or go to a friend's place that lives way up high, and then bungee jump from their balcony. You'll feel the rush of not being caught and free falling. (I personally hate the feeling of free fall).

Well, I think that's all for this issue. I don't know what else to say but we should all have fun. Although midterms are coming, don't kill yourself. You can do it. Queen B's out.

Stinging RamED,
Queen B

Ways to Entertain yourself

From someone coping with boredom daily

So, being extremely bored on a regular basis, I've decided to share the tips and tricks I've learned to keep the ever straining boredom from making me go mad. Some of these are ideas I've had.. some of them are plots that I mostly cackle gleefully over. Either way, here are my well honed steps towards making the best of a boring existence, in the hope that you too will find some joy in the mundane.

Step 1: Make Tacos.

You may ask yourself, why the hell am I making tacos? Good question. It's because Tacos are delicious. You can't be entertained on an empty stomach now can you? Why not another foodstuff? Because Tacos are Delicious. We covered this already. Also, they take about 5 minutes to make and they're slightly more nutritious than Pop tarts. Knowing the sedentary lifestyle of a mathie, this is a very good thing.

Step 2: StumbleUpon.

YES! It's TRUE! You can in fact use StumbleUpon for something other than finding online games to play during lecture. You can also ... Deprive yourself of sleep! Sleep is overrated anyway. Did you know that I never sleep? I'm a *mathNEWS* Editor guy! Therefore, obviously depriving yourself of sleep is a straight ticket to success. Or Abject failure. I can't remember which one *mathNEWS* counts as. Anyway, if you don't use StumbleUpon, I suggest it. That way I won't be the only guy with bloodshot eyes wandering around. Well, and the "under the influence" arts students.

Step 10: Number things in Trinary!

Because seriously, Binary is old and Decimal is for dweebs who can't use other number bases. Also, people still laugh at this joke, unlike the binary one: There are 10 types of people in this world: Those who can read binary, those who have girlfriends, and those who are too cool to tell jokes in binary but are still extremely lame.

Step 11: Plot the downfall of the Engineering Faculty

As a Mathie, it is your duty to ensure that Math triumphs over engineering. Hell, I'm a Software Engineer and I'm totally down for this. You know why? Because the engineers brought us PDEng, and therefore WatPD or whatever watered down PDEng torture they give you kids these days. Besides, our paper is way better, otherwise you'd be reading the Iron Warrior right now, and then you'd have no friends.

Step 12: DoS the InsideR

This one might just apply to me, but man I want to take down his internet and cackle gleefully. Is that just me?

Step 20: Webserver fun

Since all I have to do with my time is play with my computers, setting up a webserver seemed like an awesome idea. You know why? Because you can do anything you damn well want to? That's right, Rick Roll your friends! Create Evil Javascript that tells them mean things about themselves in popups! Just generally be a maniacally evil webmaster! Plus when you get bored, you can be the over 9000th person to set up a Wordpress blog and act like a pretentious blogger!

Step 21: Booze!

When the ideas start to run dry, make sure your cup never does! That way when you wake up the next morning, you can spend the next few days going on a treasure hunt! Your goal? "find out what happened last night." If you're lucky, you'll come away with a story for the ages. If not... well, you can always run away and become a carnie if you can't live with the shame.

Step 22: Write a mathNEWS article

Finally, once you've truly hit your lowest point, you can write a tell all *mathNEWS* article so that the rest of the math Faculty can learn from your mistakes. Or giggle profusely. One of those I'm sure.

And so, there you go. my extensive guide on how to entertain yourself this summer. Now I think I'm going to see if I can blow up InsideR's computer without getting up.

Sector Corrupt

More Haikus!

Because pizza still isn't here

Pure Math

One plus two is three
The proof is five pages long
I wish I got paid

ActSci

I love the money
I hate the material
That's why I'm ActSci

Software Engineering

Are we part of math
Or are we just engineers
I hate PDEng

mathNEWS writers

I write for *mathNEWS*
At least it is not *Imprint*
I get free pizza

Stats

Certain of nothing
Uncertain of everything
I've wasted my life

AMath

I so hate DEs
Ordinary and partial
Must prove more theorems

Math Students

We are the chosen
We share our gifts with no one
Silly Engineers

Interviews with search engines

Now with twice the WTF!

We at *mathNEWS* had the opportunity once again to speak with Google as well as the newcomer to the search engine market Bing. Wolfram Alpha did not return our calls.

mathNEWS: So now that you have a quasi-viable competitor in your field, how do you feel about that?

Google: Please feel free to try the game out yourself, the story is left open to interpretation, nor the animated short have been financially viable for decades. Upgrade your ship with nifty gadgets that will help you win the competition! Run your own Coffee Shop! You have a limited # of days.

mN: And Bing, how do you...

Bing: Kill a snakehead fish? Get Pregnant? Get Aids? I'll tell you anything you want!

mN:...Riiiiight. And I thought Google gave strange answers. No interruptions this time! How do you feel about taking on Google as the new kid on the block?

B: Beyond search services, Net insiders feel alienated. By Hiawatha Bray, 11/24/2003. Do you hate Google yet? ... The toolbar makes it easy to do Google searches and block pop-up ads...

mN: Those are some pretty bold words! Google, how do you deal with this enmity?

G: I am not sure what started this enmity and how all this be-

gan.... I think developers should also know how to deal with testers. How do you deal with your enemies? Ask your Agony Aunt questions. Or if that person is ready to forget the enmity, then I will be ready.

mN: You seem to have a lot of hate, Bing, why is that?

B: Do you have anything to say? Yes, I do. There has been a lot of charges and a lot of things ... that you have for yourself, the hate that you have... Your mother teaches you why, why, why!

mN: I'm sensing parental issues. I suppose it must have been hard growing up at Microsoft.

B: I'm trying very hard to be unbiased ... Look it up sometime. I'm sure you all are adults have been doing this a long time, I ... Growing up I have seen exorcisms performed in front.

mN: Exorcisms, eh? I know that Microsoft had it's demons but I didn't think they wanted to get rid of them. Google, with the release of Google Latitude, you've been accused of housing stalkers, your response?

G: Gang stalkers have been reported as following targets in cars, vans, ... complex or housing neighborhood to gain closer proximity.... But demons - Neg entities if you will, hyperdimensional manipulation - working through people. So as somebody who's been accused myself of being a knowing accomplice, I may have been... via email ... including messages saying "i miss you and just want to" ... We are proud to have Web Hosting and Rack Housing from 9 Net Avenue Deutschland.

B: Through covert manipulation and hyperdimensional tricks that ... has shown that visible tyrants are also visible targets ... These uses are too numerous and complex to mention.

At this point in the interview, Bing attacks Google with a spoon, presumably rusty. Since order had broken, a fancy party broke out and we all began to wear silly hats, and laughed about the time Bing attacked Google with a rusty spoon. No further questions were asked.

DaFink and 42

The Unlucky 7

Things mathNEWS writers do when they can't come up with article ideas

(You can tell I'm suffering from writer's block)

1. Request a random word from the Internet. Make a failed attempt at turning it into an article.
2. Lose the game. Blame the man with the hat.
3. Scare people out of the lab. Attempt to replicate their disgusted faces.
4. Laugh at Angelo, for he is as amusing in real life as on paper.
5. Brainstorm ideas for exotic pizzas. Have them vetoed by the editors.
6. Threaten strike action. Complain when the editors don't care. *[Just you try to unionize. Go on. I dare you. — ImpulsED]*
7. Complain that YOU didn't write for *mathNEWS*.

InsideR

Your yearbook isn't going to make itself...

Join the Math Grad Committee!

Hello, fellow graduating students! Your MGC Chair here, telling YOU that if you don't help out then you won't have an awesome grad ball! You won't have a yearbook to show your family and kids! You won't even have Pizza Wednesdays! Come help out! You can help out by contacting us at mathgrad.2010@gmail.com

Michaelangelo Finistauri,
Math Grad Chari, 2010

Sexual discrimination across Canada in education

I am writing to address something that has concerned me for a while. I have always been a proponent of equality for people regardless of their inkings. I'm one of the few people I know who do not condemn people for having discriminatory ideologies (so long as it does not affect the rights of others). I know many people who are in favour of equality, but in discussion have very discriminatory opinions. In particular: men, and men in education. Men are a growing minority in education and there are no initiatives made available to make education less oppressive for men.

If you take a look at StatCan's data on education and population you will notice some trends. First of all, the male-female split of the population is about 45%-55% (assuming dichotomy between male and female). Now, assuming equality rates between males and females will be 45%-55% each. However, 55% of high school drop outs were male. It was stated that the males between 21-24 without a highschool diploma were not engaged in the education system. It is widely believed that men and women learn differently, which is why there was a lot of reform for schools to make them more accessible for women. Now, it is clear that we need to make it more accessible for men, otherwise the intention of equality will be neglected entirely.

In 2006, 39.7% of all university degrees, diplomas and certificates were granted to men. In fact, roughly 58% of all students are female. Women are the majority in the education system, but more than the assumed equality could explain. Despite the fact that men are the minority, there are grants for women to promote their enrollment in the education system. All this in spite of the fact that the majority of drop outs are male, men are reporting not being engaged in education, and women are being granted the majority of the degrees! How can sexism like this exist?

Affirmative action is my explanation for this. We're at the point now where affirmative action (in most cases) is not needed. Affirmative action is allowed discrimination. It promotes the idea that it's okay to take candidates who are not as capable so long as in the past they were discriminated against. Affirmative action undermines the intention of the educational system: taking in the best candidates available to teach them the best quality education available. This problem is also happening in the US who have similar statistics. Women have quotas in many programs. Programs which they are already largely overrepresented. I understand the affirmative action was instated to promote diversity, but anyone who actually understands diversity will know that there is more to it than just looking different or having a different religion. Diversity exists in people from the same background, from the same sex, and from the same region even!

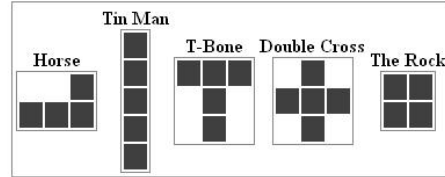
I would like to restate that I am in favour for equality. For equality to work we need to recognize that both men and women need help; not just women. We have the Women's Centre which helps women with issues relating to women, but there's no Men's Centre there to help men. Men also suffer from physical abuse. Even from their female partners. No one offers us help. Women didn't stand by when it happened to them, but society seems to be content to stand by while it happens to men. That is not equality. That is sexism.

Michaelangelo Finistauri
Concern male

SIGINT

The precious 10x8 grid that we call home has been infiltrated. Signals intelligence tells us that the following agents are somewhere nearby, all they can tell us about their locations is

- How many squares in a row or column are occupied
- They've been ordered to disperse so they aren't touching, not even diagonally.
- Remember: they can rotate.



									0
									1
									3
									3
									3
									3
									0
									5
									0
									0
1	3	0	4	2	2	3	3		

Drywaller

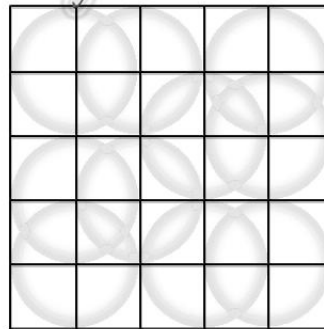
"Listen up. Our client isn't picky, as long as each square has the right number of walls surrounding it. Sounds a little tricky, but we didn't get to be the #3 drywall outfit in town by being lazy."

Also:

- There's a wall around the outside
- They want exactly 13 rooms

2	1	2	3	2	1	1	1	2	3
1	1	2	2	1	0	0	0	1	2
1	2	1	1	1	0	0	0	1	3
2	3	2	2	2	1	1	1	1	4
3	2	3	3	2	1	1	2	3	3
3	2	2	3	1	0	0	1	2	1
2	2	2	4	1	0	0	1	1	1
3	2	1	2	2	1	1	2	1	1
3	3	1	1	2	1	1	1	0	1
2	3	2	2	2	1	1	1	1	2

umbrellas



Place the following 10 squares on the 10 circles so that the overlapping numbers match up.

6	1	4	8	2	3	6	5
0	7	8	4	9	1	4	8
4	2	1	2	8	6	1	8
1	8	4	9	0	0	9	8
2	6	1	4				
8	8	6	8				

Puzzles courtesyof euri.ca

Tbor's Gridword of Pain

Because a three year old could solve the Imprint's

As our normal gridword writer has taken a break, the *mathNEWS* reading populace has had nothing to do in their Friday morning classes. To make up for the past few *mathNEWS*, I have written a ridiculously difficult Gridword. Basically, the submission with the most correct answers will receive the coveted \$25 gift certificate to HMV. If your submission has all the answers, not only do you get the gift certificate, but you get a restraining order. As always, all submissions will require an answer to the following question, and all ties are broken by the answers received.

The gridword question is: Where is Joaquin Pheonix now?

Tbor

Across

2. 100 healthy life in Gauntlet
3. What doesn't happen on Sundays
5. Patrol for 8 Across
7. 100 not-so-healthy life in Gauntlet
8. Power Rangers villain
10. Second half of 31 across
12. Orthogonilizer #2
13. ___ force
14. Mr. Horton's breakfast
16. Master Chief's first name
18. Every settler's dream island
20. UNSC strike force
22. Best colour of tree
26. Dark world empire in MP:Echoes
28. 12, 35 are ____
30. Worst race every to step foot in an MMORPG
31. First half of ancient race which created the Protoss
33. Game in which Australia is really good
34. Most ridiculous third person boss
35. Corrupted counterpart of 11 down
36. 1, 7, 10, 13 are ____ numbers
38. Science Vessel attack
41. Didn't make it on the boat to Catan
42. Powerful AOE2 units
43. ___douken!
44. Final boss of Trojan
47. Fastest character in Gauntlet
48. Sam and ___, Freelance Police

Down

1. ___ Cannon in Tiberian Sun
2. One of umpteen construction sites on campus. E_
4. This question is not known
6. MK2 powerful uppercut adjective
8. Pride and Prejudice and ____
9. Linear product in mathematics
11. Planeswalker
15. Protagonist in Halo Wars
17. !
19. Loser fox sidekick
21. Link's first method of flight
23. Mortal Combat Fatalities, Friendships, and ____
24. Game of Life is his
25. 5 of the power nine are these
27. Orthogonilizer #1
29. Raynor's original rank
32. ___-like
37. Little green ball of wisdom he is
38. Every gamers dream event
39. Protoss Assimilator on Campus
40. Old school Nintendo game: Legend of ____
45. Army in Gears of War
46. Mario's ultimate goal

