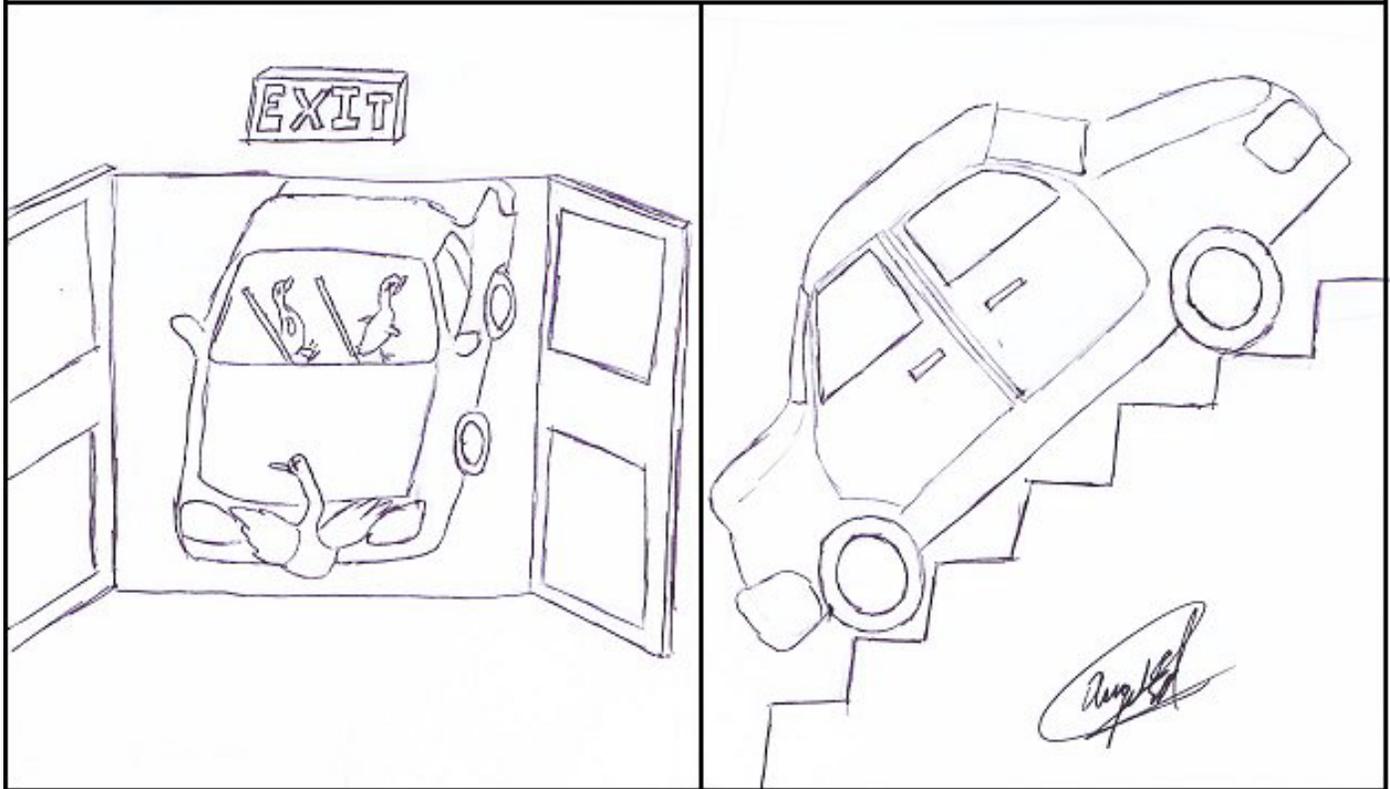
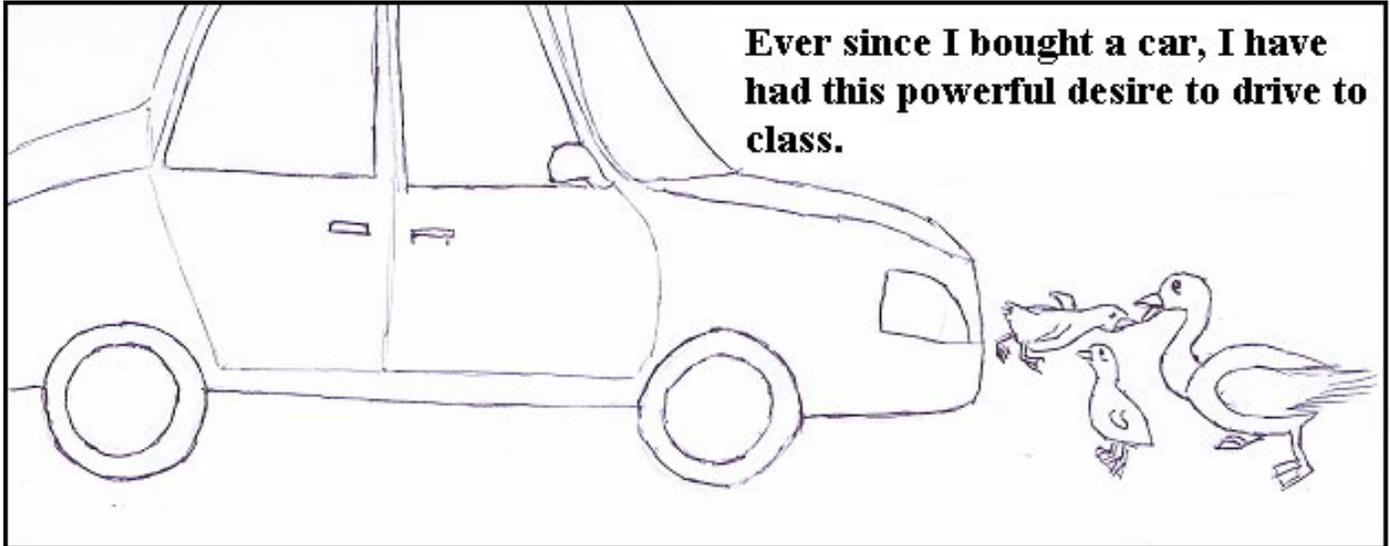


# math

# NEWS

Volume 104, Issue 3

Friday, June 15th, 2007



If and Only If...



**lookAHEAD****mathNEWS**

|         |   |
|---------|---|
| June 15 | Issue #3 hits the stands  |
| June 25 | Production Night #4<br>6:30, MathSoc (MC3038)<br>All are welcome! |
| June 29 | Issue #4 stands the hits  |

**Math Faculty**

Questions about what some of these mean? See an academic advisor!

|         |                  |
|---------|------------------|
| June 25 | WD period ends   |
| June 26 | WF period begins |

**MathSoc**

|           |              |
|-----------|--------------|
| Thursdays | Movie Nights |
|-----------|--------------|

**MGC**

|            |            |
|------------|------------|
| Wednesdays | Pizza Days |
|------------|------------|

**CECS Assuming Jobmine does not crash**

|         |   |
|---------|---|
| June 15 | Last day of first interview cycle<br>Rankings open at 1:00PM      |
| June 18 | Rankings close at 2:00PM  |
| June 19 | Match results available as of 7:00AM                              |
| June 20 | Continuous Phase Postings Begin<br>Matched Student Conf. Meetings |

see [www.cecs.uwaterloo.ca/students/datesF06.php](http://www.cecs.uwaterloo.ca/students/datesF06.php) for details

**Student Awards & Financial Aid**

|         |   |
|---------|---|
| June 15 | Last day to submit for Undergraduate Bursary Applications for Spring term |
| June 22 | QE II, Aiming for the Top deadline to submit 2007/2008 OSAP application   |

**Feds**

|         |                 |
|---------|-----------------|
| June 23 | Council Meeting |
|---------|-----------------|

see [feds.ca/events](http://feds.ca/events) for details

**Miscellaneous**

|         |                            |
|---------|----------------------------|
| June 15 | Julius Peterson's Birthday |
| June 17 | Maurits Escher's Birthday  |
| June 19 | Blaise Pascal's Birthday   |
| June 23 | Alan Turing's Birthday     |
| June 24 | Discovery Day              |
| June 26 | Day of Iansa (Brazil)      |

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End usage of *mathNEWS* is mostly just for unlimited hilarity; however, the editors of *mathNEWS* are not responsible for any spontaneous human combustion resulting from reading this publication

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Bender and Flexo: Michael Perkins and Michaelangelo Finistauri

**mastHEAD**

Hee ho, faithful *mathNEWS* readers! Tonight proved to be most groovy on several distinct levels. We discovered that when milk goes bad, it cuddles and apparently Math Soc has a social directory. After these discoveries, the proof readers proceeded to beat the writers using nasty-painful boards with nails. The only natural thing to do after that was ask the production staff "How do you like to cuddle your milk?"

Here are the coveted responses: Kaitlyn 'Half-Pint' "In front of a roaring fire"; Robert '42' "With nuclear arms"; DanS "Still in its *original* container"; MJB "After a romantic date at the MOOVies"; Richard "I can't think of any udderly bad puns for this"; Val "I don't. Our relationship has soured"; Matt "Carefully"; Carrie "In a hot tub". Milk: it's good for your bones and will hug you when you come back from a long day at work.

*mathNEWS* would very much like to thank leprosy, but we won't. Instead we give our thanks to graphics, the wonderful people that print our publication, the stairs for laughing at me when I fall down them, and Hastur, the one who shall not be named. OH NO! WHAT HAVE I DONE?

Michaelangelo 'AngeLED' Finistauri "I used super absorbant Care Bears and squeeze every last drop."

Michael 'PerkiED' Perkins "With some difficulty and great trepidation."

**Canadian Undergraduate Math Conference 2007**

The 14<sup>th</sup> annual Canadian Undergraduate Math Conference (CUMC) will be held at Simon Fraser University in Vancouver from July 18<sup>th</sup> to 21<sup>st</sup>, 2007. This conference will provide an excellent opportunity for undergraduates to be exposed to and inspired by the research of their colleagues. Meet new people, share experiences, explore the city — we promise you'll have a good time!

For more information, or to register, check out the conference website at: [cumc.math.ca](http://cumc.math.ca) See you in Vancouver!

**And the Mathie said: let there be light!***And So the Comfy was a Bright Place!*

I don't know about you, but there has been many a time where I looked for a comfortable place to work with my friends and found none. The third floor group work room was always full, the DC is supposed to be quiet, and the Comfy was too damn dark. Thankfully MathSoc, MEF, and SLEF pooled their funds and solved one of these problems: the Comfy is getting new lighting. It is now bright enough to read, write or even play cards if you want a break during the night without hurting your eyes.

If you have any ideas about other improvements to student space, you should drop by the MathSoc Office (MC 3038) and give us your ideas. There is nothing we would like more than to improve the environment for students because no one else is going to.

Old &amp; Bitter

## VPAS Sez

Howdy ho, everybody!

Not much new to report in the world of VPAS. You almost may as well read last issue! Just in case you don't have a copy handy, here's a quick rundown:

Mathsoc @ Canada Day is still looking for volunteers who will enjoy playing with kids all day! (Or at least, for a 4 hour shift.) Contact [canadaday@mathsoc.uwaterloo.ca](mailto:canadaday@mathsoc.uwaterloo.ca) if you're interested.

Other events you should look out for: Cotton Candy day, Pints with Profs, and Beach Trip.

That's all for now!

Mark Jackson-Brown  
MathSoc VP, Activites and Services S07

## Interested in Web Development?

Last co-op job tell you to get some web experience? Spending a summer in class because you couldn't find a job? Drop by the MathSoc Office (MC 3038) at 4:30 on Monday to learn a little something about PHP and web development on a real world system. This is a great opportunity to get some experience where it counts. Make yourself more valuable to future employers. Come check us out.

Val

## 'Father of the Internet' to visit UW

On June 21<sup>st</sup>, Dr. Vinton G. Cerf, Vice President and Chief Internet Evangelist for Google will be giving a talk on tracking the internet into the 21<sup>st</sup> century from 1:30 p.m. - 2:30 p.m. in the Humanities Theatre, Hagey Hall of the Humanities!

Full details available online at <http://www.mathnews.uwaterloo.ca/Issues/mn10403/drccerf.php>

All are welcome. Please register, to help us gauge numbers, by emailing [vkorody@icr.uwaterloo.ca](mailto:vkorody@icr.uwaterloo.ca)

## Pints sucks!

*Make it better*

That title may look grammatically incorrect but it's not - Pints with Profs sucks.

Why it sucks: (here's an unordered list so this will be read)

1. we can't get the Bomber anymore (according to a rumour we are checking out) so the venue is too small, almost by definition;
2. people don't drag their profs out, and the organizer can't do anything effectively on their own to bring profs out;
3. council thinks too much money is spent on snacks, and people who come to events think there's not enough food; and
4. no free beer.

So, what can we do?

1. This is tough, because Fed Hall is really big and the Grad House cannot cater to undergrads. If you have a large venue close to campus you can suggest, please send your idea to [social@mathsoc.uwaterloo.ca](mailto:social@mathsoc.uwaterloo.ca).
2. If people don't invite their profs to the MathSoc version, I don't see why they are likely to invite them to their depart-

## FREE FOOD

*What are YOU doing July 1st?*

*Other than getting tired of my slogan :D*

If you have nothing to do for Canada Day, why not help out at the University's bash?

Dedicated students like the MathSoc VPAS are busy planning a huge party for the city of Waterloo. This is a once-a-year opportunity to show the city what students can be good for as we throw them a family-oriented, free-of-charge event complete with our own fireworks.

The thing goes down all afternoon and evening at Columbia Ice Fields. We need lots of volunteers to pull it off!

If you would like to help MathSoc out, we'll be entertaining the littlest kids with bubbles, a sponge toss, parachute games (we have a freaking PARACHUTE!) and more, then sign up on the door of MC 3038.

If that doesn't sound like a fun time to you, but you're still bored, you can run security shifts, work the food tent, help lug things around, or help with set up or take down. Visit <http://canadaday.uwaterloo.ca/> to sign up for all non-MathSoc positions.

**Get a free t-shirt, and for every four hours, earn a free meal!**

Kaitlyn Holman, Canada Day Assistant  
[canadaday@mathsoc](mailto:canadaday@mathsoc)

## 16-player Mario Kart

*Coming to the SLC this weekend*

Hey, this is the UW Gamers dude, and I'm letting you know that we're teaming up with Warrior Weekends this Saturday to bring you some 16-player Mario Kart: Double Dash action!!

Not only will you get a chance to race with 15 other people simultaneously, but there will be prizes for participation!

Check it **out this Saturday** the 16th, from 7-9pm in the Great Hall of the SLC!

UW Gamers Dude

ment's version, which is why I don't like the idea of having department-specific Pints events. If the clubs work *with* the social directors we can have one big party with a bigger budget and the number of profs will still be a function of the effort of students.

3. One amalgamated budget is better than a bunch of club budgets, and we can spend more on food. However, Pints is not about having a meal, food at good venues is very expensive, and throwing money at the party will not make it better.
4. Still no free beer [*Curse you, Math Soc policy! — AngeLED*] unless you've sufficiently sucked up to your prof.

So don't show up, not bring profs, expect a meal, and then bitch about it. Ever heard there's no such thing as a free lunch? Bring profs, bring money for pints, and HAVE A GOOD TIME, DAMMIT.

And if you're so much better at planning events, send your brilliant ideas to [social@mathsoc.uwaterloo.ca](mailto:social@mathsoc.uwaterloo.ca)

Bitter mathie who had fun times at Pints when she was your age (who is not a social director)

**profQUOTES**

Alright then, I'm going through here, then I turn invisible, and then magic happens and I'm over here.

Bodmann AMATH231

Was I wrong in doing this? Never trust your teacher.

Bodmann AMATH231

There's nothing wrong with a cheat sheet. So long as you look at it before the exam.

Bodmann AMATH231

I guess it's the opposite of the engineers: spending the whole time trying to get them to shut up... oh, did I say that out loud?

West AMATH250

Just give me a second. Let me go next door to borrow some chalk.

Wilmot ACTSC232

Me kill spider. Boom!

Ennis PSYCH253

Reflexivity, antisymmetry, transitivity... does this sound like a foreign language to you? And not just because of my accent?

Tuncel CO454

I just had a brain fart.

Bergeron STAT340

If you feel like we're going around in circles, I feel it too.

Bergeron STAT340

[A student asks if certain material is important] I've spent weeks describing this algorithm and it turns out that it sucks, isn't that important?

Geelen CO351

I just cut open this box of cereal. I'm a cereal killer.

Geelen MATH138

Sure, we could use trigonometric substitution, but that would be like pushing a cow with an aircraft carrier.

Wolczuk MATH138

You're making me laugh; don't do that.

Wolczuk MATH138

## New policy announced for false fire alarms

The Waterloo Fire Department's spokesperson Larry McGovern announced that in response to the recent spam of false fire alarms from the university they have adopted a new policy. The new policy will crack down on the university. The fire department will no longer be sending any emergency aid to the university when an alarm is pulled. McGovern commented that in case of an actual fire they would "Let the fuckers die."

The university's response was "... [that] most students do this to prevent writing a midterm. What they do not to realize is that most people that need the extra time are morons and will fail anyway."

The Hee Ho

I like 0. It's my favourite non-positive, non-negative number.

Wolczuk MATH138

I don't know about integrals, but whenever pie's around, I know I converge to pie.

Wolczuk MATH138

There's either the easy way with words or the nerdy way with numbers. When you're out and about you don't want to flaunt your nerdiness. It may end whatever sexual conquest you may be on, just act like you don't know what's going on. "Oh, I don't know anything about that — I'm dumb." But then again, it's not like I've had any trouble.

Hoffman MATH136

I said that so I can tell people I said it to you, not cause we're ever going to use it.

MacKinnon PMATH360

STUDENT: Isn't the problem that you can't get to infinity?

PROF: You can if you move fast enough.

MacKinnon PMATH360

PROF: [Projective geometry is] like asteroids, when you go off the edge you come back on the other side.

STUDENT: Actually, Asteroids is on a torus.

PROF: Actually, it depends on the platform.

MacKinnon PMATH360

There is a fuzzy line between a really awesome calculator & a really lame computer. Do not abuse that line.

MacKinnon PMATH360

The only way one can be sure they don't carry a false belief in one's head is if it is empty.

Hoffman PMATH330

Some people do this for economic gain. I do it because they over-pay me to be a professor... don't tell anyone though.

Anonymous

*Has your prof said something quotable? Type it up and send it to [mathnews@student.math.uwaterloo.ca](mailto:mathnews@student.math.uwaterloo.ca), or write it down and drop it in the **BLACK BOX** (located on the MC 3<sup>rd</sup> floor, between the Comfy and the C&D).*

## Walk on the right side of the hallway

*Srsly ppl*

Honestly, it's not hard to remember — the RIGHT (correct) side to walk on is the RIGHT (not left) side of the hall.

It works because your right is not the same side as the right of the person coming towards you. NOVEL CONCEPT, EH!?

That goes for doorways too. Two doors? Go through the right one. That way people can get into *and out of* the building at class change.

The small mathie who just pushes you out of the way anyway

## Dating Advice From The Single Guy

Dear The Single Guy,

I've been reading your articles for a while, and I've noticed that often I wouldn't be all that happy if a potential boyfriend tried out some of your advice on me. I was thinking that perhaps you should give some other more general advice for the guys out there who read your stuff. I think the best thing you can do, is to find out things about her. However, there are some good and bad ways of doing it. Good ways include: talk to her. Get her to actually tell you these things, even if over the phone or email. Do not stalk her, either by following her around or through Facebook, no keyloggers or phone taps, no diary reading, just get her to tell you these things.

So now that you know these things, use them to your advantage. For example, if she takes a lot of English, like Shakespeare, I hear there's lots of plays going on right now. Take her to a type of restaurant relating to whatever food she likes. You know that sort of stuff. Basically listen to her, and then let that information actually soak in and use it to your advantage. While doing all these things, don't forget to make her feel special by making sure to offer to pay for these events too. Finally, your advice usually concerns crazy schemes and elaborate lies. Lies are not really that great of an idea, girls like an honest guy.

-Madeline

Oh, would you look at that, yet another irrational female who indeed has no idea what she wants. You say that the guy should try to get to know her, either in person or by phone or email. But consider this: where exactly are you supposed to get that information? You need to follow her to a position where you can talk to her. Or look her up in the phone book, or better yet that stupid website known as facebook. You need to do things that some would call stalking in order to get her to give you this information.

Now about your other things, you were almost onto something

### Write for Imprint

*Exercise your skills with CTRL+C and CTRL+V*

Attention all potential writers: the bar for publishing standards has been lowered, thanks to the Imprint, UW's unofficial source of other people's information. Now you too can be a credible Imprint writer with these simple steps!

1. Access the Internet using your favourite terminal. Don't have access to your favourite one? Then destroy the person using it.
2. Go to Wikipedia.org and find an article somewhat related to whatever you want to pretend to be knowledgeable about.
3. This one is important: be sure that the text looks like it could be credible, but don't worry about checking for sources or references! Or even quoting them!
4. Highlight the text written by someone else from said article.
5. Use the following key sequence: CTRL+C
6. Open up your word processor and then tap: CTRL+V
7. Add your name somewhere in it, and you're done!

Wikipedia.org is the only source you'll need for everything! Besides, it's not like anyone can log into an account and add information! That's what makes it the most useful source for your publication. Just ask the Imprint staff!

AngelED

but those are some terrible examples. Take her to Shakespeare because she tells you she likes it and studies a lot? Honestly she spends all day in class, or writing essays, and wants to sit back and relax, and what do you do? Throw it all back in her face. That's a mean and terrible thing to do. Also honest guys? My friend Steve doesn't lie at all. He's sometimes a little sarcastic, but he doesn't lie. You know what that gets him with you gals? Nothing! He's a sad and lonely guy because no girls will give him a chance, usually because he's too honest. How about this, if you didn't look fat in that, why are you even asking, and if you think you are, of course you are. Look, sure, you had some good intentions there, but let's just leave this to the professionals.

Dear The Single Guy,

when me and my girl first started hangin out it was intense. she couldn't keep her hands off me. anytime we had the chance we did. lately tho i'm always the one who has to initiate and the blank look on her face she's not having as much fun anymore. got any moves to share or ideas to help me please her better? Offer to pay for her meal? First how cliché is that, second, that sounds a lot like reverse sexism in a way. Why's the guy always gotta pay? Guys should take a stand about all the troubles feminism has caused us, and first should be taking back the small perks like paying for meals.

-Lucas

Well, Lucas, mind if I call you Luke? What do you think this is, *Imprint*? This isn't what "Dating Advice From The Single Guy" is about. If you want smut like this, go to *Imprint*, they have it on practically every page. This is all about the passion and romance of things, not about what happens afterwards. Also, I don't want to have to risk a meeting with the Dean, more likely since it's obviously a guy writing it this time. But mostly the first thing.

The Single Guy

### Care Bears VS Predator

*Coming to a theatre near you!*

You thought they were full of love... you thought that they were cute and cuddly... this September they will kick some ass! The Care Bears make their way to the big screen when two worlds collide in what is being called the most frightening thrill ride of the century! Care Bears VS Predator is "... the goriest blood-fest with teddy bears since that one scene from Akira!"

The critics all agree that when small, fluff-filled animals with bitchin' tatoos take on the baddest alien assassins in the universe the milk in your fridge will curdle. Every time you watch this movie you triple the probability of your letter to Santa getting lost in the mail. Only watch this movie if you plan on having your sex changed because it will kick your ass so badly you won't even know how you identify!

This movie has been rated PG for explicit depiction of sexual acts and deviancy, comedic mischief and cruelty to animals particularly with explosives and the DVD collection of Friends. Care Bears VS Predator will be exploding its way onto the big screen this September!

The Hee Ho

## The Bitter Truth

Dear Bitter Truth, I have been seeing this amazing girl for about a month, and she has been cheating on me with her on-and-off-again ex-boyfriend for almost the entire time. I really love her, but I get pissed when she ditches me for him. What should I do?

Left Out

Dear Left Out, you are a useless tool and will never amount to anything. You don't love her: it's rampaging weasel lust. You think this is love because you've deluded yourself into thinking that you have something special when you really don't. There is nothing special about you or your twisted idea of love. Even if you do love her, you have to actually hate yourself enough to put up with her. I would like to note that I also hate you.

The first thing you have to do is make yourself more comfortable in your position. Seeing as how you are going to be a doormat for the rest of your life, you may want to have some form of cushioning. Especially when any girl who can pretend to like you decides to come along and walk all over you.

Secondly, you should start to realize that your feelings are worthless and stupid. You claim that you love her and you've only been with her for about a month. During that month she has been screwing her "ex" and yet you still love her. You may as well get an inflatable doll with a sign saying "I love you" on it because that's apparently all it takes to keep you happy.

I don't think the name you chose for yourself is appropriate so I'm going to call you Dickless. Now, Dickless, you play a very important role in this world. You are the person that people feel glad that they aren't. You are the sole reason that trash TV shows like Jerry Springer ever existed. Everyone in the world is marginally better than you and you are a tool. Enjoy getting used, Dickless.

Insincerely,  
The Bitter Truth

## The CHIP

I don't know how many of you fellow math students have ventured to the basement of our home to find the office many don't know about, but I'd like to share some of my experiences with the CHIP.

For instance, did you know that if your laptop won't connect to the wireless network anywhere on campus and you bring it to the CHIP it will magically connect. Yay! The bad news is as soon as you get back to the library it will go back to not working.

Also, the CHIP sells software such as Microsoft Office, Matlab, and Adobe Macromedia. However, none of these are available to students.

If your computer is broken you can take it there and the technicians will fix it! Whether it is making a funny clicking noise when you bend the screen back or you have some crazy virus that permanently set your desktop background to a naked picture of David Hasselhoff, they should be able to figure it out. The technicians are also fully versed in Russian, German, French, Hieroglyphics, and all Asian languages so don't worry if your copy of Windows is not in English.

So, next time you're wondering how to kill time between classes, venture down to the basement (there is a ghost but we keep it under control) and check out the CHIP!

carrieFaye

## Appropriate reactions to big #'s

A few of you may recall from the fall term an article that discussed Very Large Numbers. It was so-so, but it was really missing a proper discussion on what the appropriate reactions to such numbers are. This is out to remedy that. So starting from smallish numbers to the obscenely large, here is how you should react to understanding these numbers.

**1**

One. The humble unit. Perhaps the definition of unlarge. This should cause no strain on anyone.

**1,000,000**

A million. Bigger, but not terribly tough. Mathies will note that there is nothing particularly interesting about this. Artsies may have trouble imagining this many of anything.

**$10^{100}$**

That's right. A googol. That's 1 followed by a hundred 0s. Really huge. Physicists should have no troubles, this is only the approximate number of particles in the universe. Artsies begin having a mild headache. Engineers ignore this number as it's not practical. Mathies note that it's using exponent notation.

**100!**

One Hundred Factorial. Actually quite a bit bigger than a googol. Mathies evaluating this number may get a bit cross eyed. Fine Arts students promptly begin their thesis project based on binary representations of it.

**$10^{\text{googol}}$**

A googolplex. Imagine taking every partical in the universe and lining them all up with 0s written on them, with a 1 at the front. Yeah, very big. Mathies start having headaches. Artsies consult with their friends in Psych to make sure they haven't gone mad.

**Skewe's Numbers**

These things are so big they require special notation. Smart Artsies will switch to philosophy at this point. Dumb Artsies simply don't understand. Mathies with too much spare time will begin proving how useless these are, except for a few special cases.

**Graham's Number**

The largest number ever actually used in a proof. Don't even try folks — you'll only melt your brain.

There you have it, a short list of increasingly huge numbers and how you should react to them.

## Dear Sens

*A letter to the Senators*

42

I write this as a fan in enemy territory. Down here, the hockey season ended on April 8<sup>th</sup>, and you'd be hard pressed to tell that a single game has played since.

But I've watched. From the surprisingly quick dispatch of the Penguins (wasn't that series supposed to be close?) to the victory over New Jersey (sweet revenge for the 2003 Conference finals) and the quick dispatch of Buffalo, taking them out in exactly the same manner that they got us last year.

And thanks guys, for being Canada's team (give-or-take Toronto) in the Stanley Cup Finals!

But seriously, couldn't you win at least one more game? I totally booked a trip back to Ottawa so that I could party it up during game 6! Instead, I was doing my CS homework all weekend! In Ottawa. Guys! How could you leave me like that!

MJB

## Tales from the MC

### *The Epsilon Ball*

Last time on Tales from the MC: Ernest, a science student, discovered a way to travel through time. However, he discovered that even the smallest change would fuck him over greatly when he returned to the present. This time on Tales from the MC: the epsilon ball.

Faisal was an ordinary pure math major. That is to say: he was not ordinary. Unable to feed himself, Faisal was waiting outside of the Math C&D to secure himself some partially stale sustenance when suddenly: it happened. He noticed that no one was around. There was no one anywhere to be found. What's worse: there was no food!

Faisal began to panic. Turning his stare to the clock, he saw that it was the C&D's closing time, but there was no food for consumption. In fact, the doors were closed so he couldn't even pilfer anything! Curious about the strange deficit of other humanoid creatures, he rushed over to the Comfy Lounge. As he approached the entrance, he realized that he was going to find living things in the comfy, but none of them would be things that *should* be living.

"I have to get out of here! I have to find some form of human life! Preferably a woman..." Rushing outside of the MC building a bright light blinded him. It came from the sky and burned his paled skin. As his eyes adjusted to the unfamiliar illumination he noticed something peculiar.

There was a strange blue bubble surrounding the building he came from. Having significant knowledge in mathematics he recognized the construct immediately: an epsilon ball. Fear crawled into his heart and down his pants as his understanding of his situation deepened. The ball would begin to close slowly and crush everything into an infinitely small region that would be continuously differentiable on R.

Faisal quickly thought of a Star Trek episode similar to his current situation, and came to the conclusion that even if he did manage to find a woman, it probably wouldn't do him any good.

"Okay. Think, man, think!" He commanded himself. "The ball is going to continuously get smaller until it crushes me... unless I can find a region that is discontinuous and regardless of the size of the ball, I won't be viciously boned!"

Using his superior intellect, yet inferior practical skills, he ran towards the sixth floor of the MC — perhaps the most discontinuous place on earth! He quickly got tired from ascending the stairs, and caught the elevator on the second floor. The doors opened and he made it. All he could do is sit and wait to see if his plan worked.

That was the last anyone ever heard of Faisal, leaving the reader with a sense of outrage that no actual conclusion was reached.

AngelED

## Attention Irony Police

Do you get upset how often people say things are ironic when in fact they aren't; enough so to always point out when people are using it incorrectly? Did you ever realize that doing that is actually a form of saying that what they said was ironic? Yeah, see, describing things as ironic is great, either the thing you're talking about was ironic, or your use of said word ironic is in fact ironic, and you're still correct. So please stop doing this, it's really annoying and even if it's not correct usage, it is.

DanS

## Only that Grebel place could do this

Seeing as how you're reading this, you've likely spent some time in an area some people know as Waterloo County. If that's the case you've probably heard of Mennonites. You may also have heard of Conrad Grebel University College. It's the church college on campus that's Mennonite. These things may have led to some sort of impression of who they are as a people, most often thinking of horses and buggies (despite the fact that I bet you've never seen any on campus). It is almost certain that you would be completely wrong in your assumptions, most people are, and they don't often worry about what you think of them. About two weeks ago something happened at CGUC that describes these people fairly well.

They were having inter-faith discussions with some representatives from Iran. They were talking about things such as peace but, as seems to be all too often these days with anything regarding the Muslim faith in North America, protestors showed up to ruin the event. At this very heavily Christian place on campus when some people found out that there was going to be Iranians there they decided they had to protest the way things are going on in Iran right now, and have been for quite some time. Who was it who was causing this ruckus? If you said the Mennonites you would in fact be completely wrong. No, it was Iranians protesting Iranians and not for any faith-based reasons but for political ones. In this day and age with the way the world is currently working these are one of a very small number of groups — especially religious ones — who could host an event ending like this.

DanS

## Bug of the Fornight

### *Perverted Lisp Code*

The following section of code was meant to print values of pi that get closer and closer to the exact value of pi. Can you spot the bug(s)?

```
(defun pi(n)
  (if (n <= 3.14159)
      (print n)
      n = n+n)
  pi(1))
```

James Simpson

## Sudoku

### *The New*

### *The Old*

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   |   |   |   |   |   |   |   |   |   | 3 | 5 | 7 | 6 | 9 | 8 | 1 | 4 | 2 |
|   |   |   |   |   | 6 | 1 | 8 |   |   | 9 | 2 | 8 | 5 | 1 | 4 | 6 | 7 | 3 |
|   |   | 5 |   |   | 7 | 3 | 4 |   |   | 6 | 4 | 1 | 3 | 7 | 2 | 8 | 5 | 9 |
|   | 4 |   |   | 7 |   |   |   | 9 | 1 | 4 | 9 | 3 | 7 | 2 | 6 | 5 | 1 | 8 |
|   | 7 | 2 | 1 |   | 9 | 5 | 6 |   |   | 1 | 7 | 2 | 4 | 8 | 5 | 9 | 3 | 6 |
| 5 | 1 |   |   | 4 |   |   |   | 7 |   | 8 | 6 | 5 | 1 | 3 | 9 | 4 | 2 | 7 |
|   | 8 | 4 | 2 |   |   | 7 |   |   |   | 2 | 3 | 9 | 8 | 5 | 1 | 7 | 6 | 4 |
| 1 | 3 | 7 |   |   |   |   |   |   |   | 7 | 1 | 6 | 9 | 4 | 3 | 2 | 8 | 5 |
|   |   |   |   |   |   |   |   |   |   | 5 | 8 | 4 | 2 | 6 | 7 | 3 | 9 | 1 |

Let us take a moment to be thankful for the filler that we are about to read

