

Volume 60 Number 2  
Friday, October 9, 1992

# math **NEWS**

**UFO sightings in E1**  
The engineering female is missing: Alien abduction?

**PROF QUOTES**

*New Computer Virus*  
*UW-Math virus leaves pink stains*

GRIDWORD



Math whiz-kid born with a built-in calculator.

**IS JAMES BROWN REALLY DEAD?**

## Look Ahead

mathNEWS	
October 26	Issue #3 production night 5:30pm, MathSoc (MC 3038)
October 30	Issue #3 hits the stands
November 2	Issue #4 production night 5:30pm, MathSoc (MC 3038)
November 6	Issue #4 hits the stands
Math Faculty	
October 9	Course Drop / Drop Out Deadline
MathSoc	
October 15	Oktoberfest
Co-op	
October 19	Interviews begin
November 13	Interviews finish

## Treasure Chest

Another week gone by ... another week closer to midterms! (or for those taking CS 351 - minterms) No, I have no one to thank this issue, except maybe Jenny (wie gehts?)

The only thing that I've been doing lately is preparing the MathSoc budget. I'd just like to recap what went on. So bear with me, this won't be as dry as it might seem!

Most of the clubs were very good at getting in good budgets (and some of them on time!). The clubs have a lot of GREAT events planned this term, so please go out to them and have a great time.

Everyone at the last MathSoc meeting was a little surprised at the budget I presented. Among the items listed were:

- End-Of-Term Party \$1000
  - many people were in favour of this! The reasoning was that we went over budget in the Winter for this, so to solve that problem, we just budgeted for more!
- Executive Retreat \$4000
  - Yes, I'm on the Executive!
- Executive Limo Rental \$500
- Executive Bar Supplies \$750
- Executive LapTop (2) \$6000
- Executive High-Speed Modems \$230
- Executive Laser Printer \$800
- Clubs were a little surprised to see they were only allotted anywhere from \$2.56 to \$750 (MGC? - Stella bribed me the most!)

Unfortunately, when put to a motion, this budget got turned down. Darn! I was hoping for a nice Hawaii retreat! However, we did get 4 votes in favour of it! This was just a bogus budget, and not to be taken too seriously. I did present the real budget, and there were no questions, except, "What happened to the \$1000 for the End-Of-Term party?" Anyone wishing to see the club budgets, or MathSoc's budget may do so by seeing me.

Atleast I got a few laughs, and 4 votes!! And remember, if you can't laugh, you probably don't know what funny is! (Shall we call you Commander Data?)

Trezmania

## (Vice)Prez Sez

Even though we don't actually have a president doesn't mean that there's nothing going on.

For those who are interested, there is a copy of the constitutional accord in the MathSoc office. There's going to be a forum on Oct. 20th so keep your eyes open for that.

We have lots of tickets for Oktoberfest, and as usual we have lots of cool novelties, the cheapest photocopies on campus, and of course old exams.

Don't forget to get out and vote next week for the person you think is the best to write this column.

Have a great Thanksgiving!

Lori Boomgaardt  
ms VicePresident

## Actuarial Science Club

Hi there. How is everybody doing? Due to certain unfortunate circumstances, the Actuarial Science Club article that was meant for the last issue of mathNEWS never made it. However, we are now back, raring to go for the rest of the term! I should first start off by saying that the executive for the ASC this term is Wayne Edwards (President), Jill Hoffman (Vice-President) and Clarke Marrin (Treasurer). What we have decided on for the upcoming term is somewhat more modest than what I initially planned but hopefully it will be still be much appreciated.

Since October is the month of caffeine, beer and tylenol (aka mid-term exams & Oktoberfest), we at the ASC don't feel like burdening you with anything that might place undue stress on your few remaining brain cells. Due to the start of the professional actuarial exams, November looks a lot like October except with less beer and more caffeine and tylenol. Overall, the only concrete event that the ASC will have this term is the Brick Brewery on Wednesday November 18th. After that, it is all up in the air. Therefore, the main objective of the ASC this term is to more or less act as a resource centre for those studying for their actuarial exams. If at all possible, the ASC will still have a roadtrip to Yuk Yuk's and a couple more guest speakers sometime this term.

If you have any ideas regarding what we should do at the ASC this term (or in any future term), please drop the ASC office (MC 3030). Your interest and enthusiasm is much desired and there is plenty of room to accommodate you if you wish to help out. And before I go, I want to thank all of those people who came out to see Don Sondergeld, President of the SOA, on Wed. Sept. 23<sup>rd</sup>. Thank you for making the speech a success!

Actuarial Science Club OFFICE HOURS - MC 3030 10:30 am - 2:30 pm Monday - Thursday

Wayne Edwards  
Prez - ASC

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Editor: Kivi "Kivi is my middle name" Shapiro

## Pure Math, C&O and Applied Math Club Offerings

*Inane Ramblings of a Tired Man*

You know, I think the Math Faculty could have another 100 terminals donated and I would still never be able to find a free, working terminal the night before an assignment is due. Bitter? Nah, not me.

Gee, great way to start things off, eh? If you bothered to read the title of this article, you'll see that we have annexed the AM Club. Since there is no oil in their office, we're not too worried about any U.S. Military intervention. Well, OK, we haven't actually annexed the AM Club, but being power hungry office-space mongers, we'd like to think we have. None of this is actually relevant, but hey, who's checking?

[insert your favourite segue]

Turn out for Dr. Coxeter's lecture was phenomenal. Hopefully we'll have as many for Dr. Jerrold Marsden's lecture on Friday, October 23, at 3:30 somewhere. Look for the posters. This will be the second lecture in the "Mathematics: A Historical Perspective" lecture series. It will deal with Classical Mechanics.

[use the same segue here, no one will notice]

Our Campus Rec teams are having good seasons, especially the Flag Football team, which is having its winningest season ever. Look out Golden Hawks, here we come!

[segue with a joke about non-existent segues]

We're still accepting new memberships, which are open to all undergrads, grad students and faculty. If you haven't paid your membership dues, your name will be sent to CSIS (twelve guys in Chevettas with Whisper 2000s). They probably have a file on you already. I can already see you trembling with fear. Seriously though, we operate on a tight budget and can use every dollar we can get.

There is a regular PMC&OC lecture coming up. Our esteemed VP has not given me more information, so just keep your eyes open for the posters.

Well, that's all for now. Hope to see you around the office sometime.

Leon

*ex-president-for-life-who-really-wants-to-get-some-sleep*

## Top 10 Indicators That You're Suffering From Stress

10. You suck the lead out of your pencil forgetting it's not a Marlboro
9. You put your clothes on inside out
8. You eat your Rice Krispies with beer instead of milk (snap, crackle, BURP)
7. You write 'PERSONAL HYGIENE' on your TO DO list
6. When your profs start wearing really NEAT shirts
5. You reach for the Tylenol before you turn off your alarm clock
4. The photocopier duplex function becomes the highlight of your day
3. You never know what day of the week it is
2. Captain Kirk starts looking good
1. YOU WRITE FOR mathNEWS!

The Hedonist

## GINO'S PIZZA

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## Got a Question?

*Need an Answer?*

Then come on over to the comfy lounge. This is where most frosh get together to discuss those tricky calculus and algebra questions. Just head toward a group of fellow frosh (you'll be able to tell who they are) and introduce yourself and your problem. In no time at all you'll have a plethora of people willing to give you, (\*ahem\*, *help you find*) the answer. And it's a great way to meet people whose names you'll never remember. Interesting people, too! (Not like those Artsies).

Why, here's an example of what I mean. Just the other day I met a person who had the most insightful little way of looking at things. He said, 'What is this, university? They wouldn't make us do this in high school.' Ha, ha, ha, oh that's a good one. I do believe the gentleman's name was Craig, although I am not sure. I do hope I don't embarrass him by this, but in case I did, I doubt that he even remembers *my* name.

Yes, that's right campers, you'll get free answers and meet interesting new people, and it won't even cost you a cent. Plus! right next door is the centre of user-friendly foodage, the C&D. Mmmm-mmmm, good. But wait! if you subscribe now you have the chance to enter a card game of your choice. Yeessss, bridge euchre, whist, and a plentitude of other games await you. So don't delay, head on over now and get a jump on that calculus assignment handed out today. You won't regret it.

Brayne Dhed

# MGC

Class of '94 needs

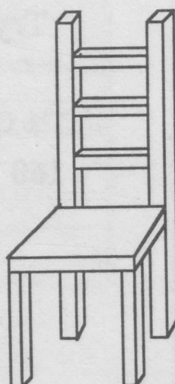
## You!

Nominations now open for  
1994 Math Grad Committee Chair  
for Summer 1993  
(co-chair in Winter 1994)

Nomination forms available in MathSoc.

PS. Thou shalt be in 3B (now) to qualify!!!

brought to you by Lisa



## CSC Flash

Greetings and Salutations, once again! It is I, the Stopped Jobs Avenger and my trusty sidekick Zonk. We have recently heard that Calum T. Dalek, our most esteemed chairbeing, has reached China, and is currently progressing towards India on his grand canoe-tour of the world. But enough of that, we would like to inform you of upcoming events.

In retrospect, the ACM programming contest, held last Saturday, was well attended. The expression of programming power in MC 3022 was phenomenal. Here are the results:

Position	Name	Questions Answered	Total Score
1	Ed Dengler	5	1145
2	Rok Yu	4	740
3	Ian Goldberg	4	683
4	Dale Wick	3	630
5	Brad Bobak	3	421
6	Reuben Sumner	2	444
6	David Ebbo	2	444
8	Steve Tomlinson	2	441
9	Brent Williams	2	351
10	Philip Chong	1	285
11	Brian Rossmajer	1	273
12	Patrick Ng	1	210
13	Norm Ross	1	156
14	Brad Bart	1	139
15	Brent Ross	1	0

This contest is not the only programming contest that the CSC is sponsoring this term. The CSC is proud to announce the upcoming Othello Tournament on October 21<sup>st</sup>. If you wish to register your program, contact the CSC for more details.

In current CSC news, many fun-filled discussions are being had in the CSC, and not all are computer science related. So if you wish to have a place to hang out, use a stapler, or maybe just have a few questions answered, the Computer Science Club is the place to be! Join today for only TWO dollars!

Stopped Jobs Avenger,  
and his trusty sidekick Zonk.

## MathSoc Elections

How would you like to cast a vote that COUNTS? Well, you can on Oct 14 & 15, from 9:30 to 3:30 outside the Math C&D. There are 2 (3?) candidates for Fall 92 MathSoc president. The following are running (or rumoured to be):

Russell Jackson  
Ross Perot (is he or isn't he?)  
Lisa Yeo

So come out and vote and practice making that nice X for the upcoming (and not binding) Constitutional Referendum.

Steve, the CRO

## Election Time Is Here Again

Hi there Mathies. As you may know, MathSoc is holding a presidential election. My name is Russell Jackson and I am one of the candidates for this position. I am a fourth year student doing a double major in Computer Science along with C&O.

Why vote for me?

Well... aside from having time to devote to the Math Society, I feel that I am qualified to represent you, the students, in all society/faculty affairs and will do my best to ensure a great turn for all people in our own faculty. After being here for four years I have learned a few things that I feel can be used to improve student life for in this term and for terms to come.

But the main reason is that I really want to help out and get more involved with the Math Society and benefiting student life.

Please come out and vote on Oct.14 & 15, and remember, **VOTE RUSSELL.** Thanks.

Russell Jackson

## Vote!

It's almost time to vote for MathSoc president. So, who do you vote for? Better yet, why even bother voting? What does MathSoc do for me?

Well, MathSoc does a lot for you. We run the MathSoc office, with its cheap photocopiers and past exams, we run the C&D, print mathNEWS and we (normally) run lots of exciting and cheap social events.

But this term we haven't been doing too much. Why? Because we lack a leader.

I am running for president of MathSoc for the rest of the term. What do I intend to do for you? Run MathSoc to the best of my abilities, with the help of all elected and appointed members of council.

Now, the most important part of this article. **PLEASE VOTE!** Don't let less than 10% of math students decide who is going to run your society. You have the right to vote, use it. It only takes minutes to check a box (or spoil a ballot). So come out and vote!

Lisa Yeo

## Orientation '92

*"Hey, just wait a second"*

After the last issue of *mathNEWS*, some of you guys probably think that Frosh Week was a week filled with violence and criminal activity. Well, I don't blame you. The article certainly made it sound that way. Let me first start off by saying that the article does NOT reflect the views shared by most of the Frosh Leaders and Frosh who participated in Frosh Week. As a matter of fact, this year we had one of the most successful Frosh Weeks ever. Events ranging from playing Twister with 200 people, to a night out at the Twist with 2000 people, everybody had fun and not one complaint was heard.

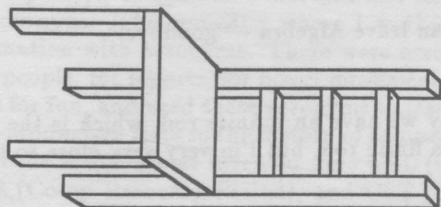
With regards to the violence during Frosh Week, I admit that there was some pushing and shoving between Engineering and Math but if you investigate the incident, you will find that Math did none of the pushing or shoving. "How about the stealing and vandalizing?" Yes. I do admit that we stole some maps from the Math building and the Psych building during our Scavenger Hunt. Since I'm the Orientation Director, I take full responsibility for these events but if you compare this years Scavenger Hunt to previous years, you'll find that the amount of items stolen or the amount of property damaged has dramatically decreased. Yes I know. It still doesn't make it right for us to steal and damage stuff but you have to realize that this can't be changed overnight.

The important thing is that we're going in the right direction and that we're trying to prevent it. Maybe next year we'll have a Scavenger Hunt that eliminates stolen or damaged property. There are also some events that the article neglected to mention. What about the Pink Tie? For those of you that don't know, the Pink Tie was stolen from the Math Building on the Monday night of Frosh Week. In the process of stealing the tie, two doors leading up to the roof of the Math building were destroyed. I believe that this event is far more serious than a few maps missing in two buildings.

Some of the purposes of Frosh Week are to have fun, meet lots of new people and get acquainted with University life. Isn't that what we did? So, to all the Frosh and Leaders who participated in Frosh week, be proud of this years Orientation. You guys did a great job. This year's Orientation owes a lot to you guys for all your support and enthusiasm. Next year's Orientation has a hard act to follow. Thanks guys!

P.S. Pictures for Frosh Week are now available for viewing in the Orientation office (MC 3034). Reprints also available until October 16<sup>th</sup>.

Oliver Lee  
Orientation Director



## Volume 60 Number 2

### Friday, October 9, 1992

## Orientation '92

*Evaluation of Frosh Week  
The Sequel*

Now that everyone is either inspired or outraged by my article last issue, let me finish it. I wanted to write this article in two parts. I wrote a really demeaning article on purpose to grab everyone's attention. Now that I have it, let me give a more broad picture of what went on, on how Math was involved.

I must admit, I did not let Oliver Lee (Orientation Director) read my article before it hit the press. But then again, I wasn't writing it on behalf of Orientation. I wasn't even writing it as a Frosh Leader. I was writing it on behalf of a concerned student. Of course I was expecting an article from Oliver earlier, but I'm glad to see he has submitted an article this issue. I encourage everyone to read his article, but a few things are not factual. Rumour had it that one door to the roof was damaged. In actual fact, after talking with the Faculty, no door was damaged. I also thought Oliver's evaluation of my article was premature, especially since he knew I was writing a second half. Anyways, here is what I wanted to write . . .

The purpose of the article last issue was to make people think. I believe I did a good job of that. Many people came up to me and said I didn't know what I was talking about. Well, believe me, I do. But more importantly, I had people come up to me, and tell me that I wrote a great article, and they supported my observations. That made me happy. Okay, yes I concentrated on the bad stuff that happened, but the students need to be aware. I am still quite stubborn on the fact that there needs to be a change in attitudes. No, it will not occur overnight, but yes, it can happen. More over, it will only happen if people want it to.

A few individuals came up to me and asked, "I thought you enjoyed Frosh Week?" My answer was, "Yes, I did!" Orientation Week was absolutely fabulous. I gave a student report to the Math Faculty Council, and it was all praises. And that's how I feel overall. I was just perturbed by a few incidents. Our Pink Tie was stolen. Mud was abusively trampled into every inch of MC and the DC. Yes, Math did a few things wrong on its own. But we didn't intend for these things to happen. An oversight on our part caused the maps to be stolen, but it was more than an oversight of the activities other Faculties did. I'm proud to say that the Math Faculty shined at the end of Frosh Week, and I'm sad to say that Engineering didn't in my eyes. The Math Orientation did a splendid job this year and deserve the best of thanks.

Yes, the situations are getting better, but attitudes still need to be changed about Orientation Week in general. We need to respect our Faculties, and the University as a whole. We can still have fun, and keep the grounds in good condition.

I hope my article last issue opened your eyes, but I hope now that you want to do something, you put things into perspective. It was a good Week, but we still need to work on some fundamentals.

Trezmania

## Prof Quotes

Hey! Is your prof one of those who routinely says stupid things, who doesn't pay attention to what he's saying, and who you really don't like? Well, embarrass him. Write down stuff he says, and put it in the BLACK BOX on the 3rd floor of the MC, outside the comfy lounge. Please don't make stuff up, unless it's a really slow week.

"I try really hard to be non-partisan and not let you know my opinions, but that *idiot* of a Prime Minister..."

Seim, PSYCH 213

"If you say 'I can remember things when I was 2, 3, 4, 5,' then you are lying through your teeth. No...that's not academic. You are *mistaken*."

Seim, PSYCH 213

"If we were all Freudians, we couldn't even be having this discussion... you would all have to be lying on couches."

Teschuk, PSYCH 355 T.A.

"Taking drugs is a good example..."

Wu, STAT 430

"A man walks up to me and says 'Don', which is my name as well as my title in the underworld."

McLeish, STAT 230

"We like Harvard M.B.A.'s. They make good employees."

Smith, ECON 220

"There's a big line between these two concepts — a line of land mines and machine guns."

Jackson, MATH 235

"That is as zero as zero can be!"

Jackson, MATH 235

"I did it by hand and got it wrong. I did it again by hand and got it wrong. I did it on the computer and got it right. Then I did it by hand and got it wrong again."

Jackson, MATH 235

"Kids will automatically suck on just about anything."

Ross, PSYCH 101

"I'll go slow, because I know every time I say, 'Proof,' your brain has to work."

Forte, MATH 247

"Well, just think about it for a few years... some of these things just don't become clear until after quite a few other courses."

Hare, MATH 245

"You have to appreciate — these are the highlights of Linear Algebra. If you want to take a good course, you have to take PM 351. In fact, why don't we just do that right now?"

Hare, MATH 245

"Proof: ... Aha — you hoped there was not going to be a proof!"

Forte, MATH 247

## Roommates. Can't live with them ...

... *can't toss them out a window*

As part of the great university experi(ence/ment), most of you will, are, or have shared some living accommodations with roommates (like I am for the first time). I've heard the horror stories about some of the people you can get stuck with, but I was fortunate. The roommates I have are some of the nicest people that you could imagine. And they're really starting to piss me off.

Most likely there are those of you in my exact same position, which is that you came to Waterloo with just *one little flaw*, and now your roommates rag you about it constantly. Mine is just a little thing; I can't cook a hell of a lot. If it involves more than boiling water, I'm lost. (So why didn't I take residence? Hey, shut up with the smart questions, huh!). So my roommates, in true Canadian fashion, complain about it until they're blue in the mouth, but don't do anything to change it, such as teach me how. (Of course the one has time, he's in Arts).

Now, I've tried to be the more mature, civilized being, and have explained to them that life would be much more enjoyable (and perhaps a little safer for them) if they would ever so kindly cut it out. Unfortunately, they're rather dense. So naturally I tried to be a little more blunt about it, this time using punctuational verbal skills to put across my meaning (#!%\* off, you, and the like). Again, no go. So what am I to do? Well, as the title also suggests, tossing them out the window would do no good (we live on the first floor). Perhaps a subtle hint in *mathNEWS* would work. Is this subtle enough ?!

Brayne Dhed

"Ugly, ugly, ugly, but — nice conclusion at the end."

Hare, MATH 245

"And the reason I think MATH 235 is so bad..."

Hare, MATH 245

"I gain control — I control the horizontal; I control the vertical."

Buhr, CS 242

"And when you finish that [assignment], you either really understand coroutines, or you drop out of the course."

Buhr, CS 242

"I'm sorry — I just had to go recompile the kernel to figure out what was going on in my head."

Buhr, CS 242

"So we can leave Algebra — goodbye!"

Hare, PM 351

"Let's say we have an infinite rod, which is the same as saying we have a finite rod, but I'm very very close to the rod."

Leslie, PHYS 252

"My daughter's doing a PhD in Applied Math... Well, really Pure Math..."

Leslie, PHYS 252

## Math, the Universe, and Everything

### *The Working World and How to Survive It*

Okay, so you've done it. Landed that job you wanted, whether it be a co-op, part-time, or summer job. It's great for the first week, but soon you start to miss school. By the second week, you slowly grow to despise your co-workers, all of whom are starting to remind you of that guy in your CS class who is always correcting the prof and has that serious hygiene problem. By the third week, you're taking off from work early, going home, and drinking alone. The fourth week you kill your boss.

While this is all perfectly normal, it should be avoided. Except the drinking part. So we at mathNEWS have put together this helpful to help you, the UW student body, survive your work term with as little stress, tension, and work as possible.

### *Work: Take It or Leave It, I'd Rather Avoid It*

Don't be afraid to shy away from work. My motto is, if they expected me to do the work of a full-timer, they'd pay me that way. Now, this may leave you with several problems, all of which will be dealt with later on. The first problem deals with what you'll do with your time if you don't work. The easiest answer is, sneak out as soon as possible. Take long lunches — five hours is a good start. Take afternoons off. Call in sick. Of course, you'll need excuses to explain all this time away from work. Here are several of my favorites.

- "My first class last term was never until one - I just can't seem to get up before noon."
- "I just had to buy you this nice present."
- "I wasn't in yesterday because I was having sex with your wife."
- "I was drunk."
- "I was hung over."
- "My dog caught fire."
- "None of your fucking business."

(Note that this last excuse does not work nearly as well as I thought it would.) Spend as little time as possible in the office. Try catch every game in some professional team's schedule. See if you can avoid going into work for a full week and not be caught.

### *Games to Play if Stuck in the Office*

Eventually, you will have to spend some time in the office (or factory, or barn, or whatever). Don't despair — you still don't have to do work. There are still plenty of things to do. If you have USENET feed, you're set. If not, make up games to play. Here are two that my fellow co-ops and I invented last term:

**Invent the Acronym:** The company where I worked had an unhealthy fascination with acronyms. There were acronyms for computers, for people, for reports, for bowel movements. We invented acronyms for fun, and used these acronyms to lead perhaps the most non-productive term in the history of co-operative education. Some of the acronyms we invented were CBL (Co-op Beer Lunch), CRP (Co-op Recovery Period), and CST (Co-op Story Time). About the only thing we didn't have an acronym for was Co-op Fucking the Dog Time, which is odd, considering that's how we spent most of our working day.

**Hangover Wednesdays:** My fellow co-ops and I would compete to see who could have the worst hangovers on a Wednesday morning. Why Wednesday, you ask? Because we drank Tuesday night, you doorknob.

Having paperclip fights, sneaking cases of beer in, and hitting on your co-workers are other good ways to pass the time.

### *What Happens When There's Nobody to Play With?*

There will be those times when you'll have nobody to talk to, nobody to hit on, nobody to drink with, and nobody to throw erasers at. To prevent absolute boredom, perhaps the best thing to do is steal office equipment. Good things to steal include pens, paper, and other 'school supplies'. Better things to steal are floppy disks, personal computers, and petty cash. The best things to steal are classified documents, since you can usually sell them at a fairly good price. Note that there are no bad things to steal.

### *But What Happens When the Boss Finds Out?*

Eventually, unless your boss is a complete moron (i.e. he/she graduated from Western), he/she is going to find out that you've accomplished nothing all term. It's almost unavoidable, so be prepared. Here are several ways to avoid getting in trouble:

- Steal a report from a full-timer's desk, and claim that it's yours.
- Kill your boss.
- Pretend that you didn't know that you were actually expected to produce something of value.
- Have sex with your boss.
- Cry.
- Tell your boss that you developed a new system, but it's classified, so you're not allowed to show it to him.
- Feign amnesia.

Be sure to be sincere when trying the above ploys. Sincerity is very important in the working world. If you can fake that, you have it made.

Above all, enjoy your work experience. Spend as much time as possible drunk. Do as little work as possible. Copy someone else's work report. The Waterloo co-op program enjoys a really good reputation, and it's up to us to change that.

Flipper

## \*\*\* Math Baseball Shirts \*\*\*

*on sale Oct. 13-16*

- outside C&D, Tuesday, Wednesday
- MathSoc office Thursday, Friday

\$40 prepaid only. Choice of pink or black lettering. See sample in the MathSoc office.

Anne Fletcher  
Novelties Director

## About Nice Guys

Pardonez Moi, but it does seem that there is some confusion about how Nice guys are asked out, or how they ask others out. Hereafter follows my not quite so humble (but very humbling) experience talking.

Nice Guys are not those dorks you see sitting in the corner trying to look like they know what they're doing while furtively scanning the crowd for someone they know. Wanna know why? Probably because they're not even there! Nice guys, like myself are generally always on the lookout for a girl that fits into one of a couple of categories.

1. Has a personality and a Brain, and is capable of using both.
2. Is not insecure, and generally has a moderate to high level of self-confidence. (Read : Sometimes willing to make the first move!)
3. Tends to enjoy more Romantic type encounters, such as long walks in the moonlight, standing on a hill gazing over the city, watching as the fog rolls slowly in, that sort of thing.

Looks, for the most part, are secondary. If you're good looking, or even average looking, that's a plus, but not necessarily a requirement. In this, I won't speak for everyone, some people tend to have standards of beauty, I generally don't. I just have standards of self-confidence.

If you want to ask a nice guy out, ask him if he wants to go for a walk, find a nice quiet, semi-deserted spot that looks pretty, and go for a walk. Slip your hand into his if you want, as it makes the feelings seem more shared. Talk of nothing important, just let the mood speak for you. You're not under any obligation for sex, since most nice guys aren't expecting it anyway, so don't worry about having to put out too much. No offense, but if a self-proclaimed nice guy expects sex, he's not a nice guy.

Where to find nice guys? We're around. I tend to be out late at night just walking because the weather's nice, or maybe with a small group of friends. If so, just wander over and say "hi", and join up—chances are, if you're really interested in him, he won't mind. We're in computer labs helping everyone out, we're outside gazing off into the distance because it's nice to look at, we're here, you just have to be patient, 'cause we're not going to jump out at you. Believe me, if you take your time looking for a nice guy, when you find him, it'll be more than worth the time you spent doing so.

Alex & Tom 2 Much

## How Hard Can It Be?

*(Hey, hey, some of you have some sick minds)*

Ten minutes to deadline and what do I find out? There was only one submission for the mathNEWSquiz. Just one!!! What is going on out there? I refuse to believe that all the brains are on work term. There's got to be some frosh or other students who can answer some of the questions on the mathNEWSquiz. You don't even need to get them all, just more than anybody else to win. You can even runner-up, which is still good. And there are prizes, you know. (Or is that just for the Gridword? Editor? [Nope, we got prizes coming out our ears! — Ed.]

So come on, we've got to get some more submissions. It's not much of a contest if no one participates. And if only one person is going to try then there's a great chance of winning. So take some time out and work on it, singly or in groups, and do the Math faculty proud. (I still don't believe only one submission. And I almost entered. Dagnabbit, I coulda been a contender.)

Brayne Dhed

## My Canada Includes 24-Hour Beer Stores

*A Constitutional Proposal*

It isn't long now until we, the people of Canada, have to vote to decide the future of the country. Unfortunately, the Charlot-tetown accord bites big beavers, to use an old native saying. So I have decided to advance my own constitutional proposal, one that will have more appeal for the average Canadian.

### 1. No Tax Charged to University Students

Most people reading this will agree that making university students pay tax is pretty obscene. Instead, students should be forced into spending the money supporting one of Canada's oldest and strongest industries, the beer industry. Instead of taking tax off paycheques and loans and the like and returning nothing, the government should issue beer certificates to all students in Canada's universities. Or instead of OHIP, we could all get BEERHIP cards.

### 2. Freedom of the Individual

If I were in charge, everybody would be allowed to do whatever they wanted to, whenever they wanted to. Students would be allowed to take whatever courses they wanted, no matter if it would do them any good. You wouldn't have to show up to class, but would get bonus participation marks if you did. There would be no exams, and your marks would all be in the high eighties. That's right, if I were in charge, we'd all be Arts students.

### 3. Essential Services

All essential services should be open 24 hours a day. This would include all beer stores, the Bombshelter, and McDonald's. This would ensure that our right to eat hamburgers and drink beer would never be repeated.

Of course, this would over-rule the bars-close-at-one-o'clock thing that Ontario has.

### 3a. Essential Services: Personnel

All personnel at bars would have to be friendly. Unfortunately, this would mean firing most of the DJ's in the campus bars, except for those cool guys who play disco whenever Beaker and I ask for it. Every bouncer at the Bomber would have to be fired, too, since following people around is usually not considered to be friendly.

### 4. Elected Professors

The student body should be allowed to vote for which professors get to stay at the university, and which are to be forced out into the real world where all of the degrees in the world will not make up for their lack of personality. This would encourage all profs to give interesting lectures, easy tests, and all the other things that people take PSYCH 101 for.

### 5. Effective Professors

Uh, no. Forget it — that's asking for too much. So that's my proposal for a better Canada. A stronger Canada. An alcoholic Canada.

Flipper



## Masthead

Morning, all. It's Monday night, the load average is somewhere in the troposphere, half the staff is off doing the assignment that is causing that load average, and it looks like we're going to be here a long time. I'll let you know how it turns out.

I'd like to extend apologies to Mitch "write-in" Fellen and to Aurora "Hey, where'd my name go?" Mendelsohn for my forgetfulness. May your splendour be increased as mine is diminished.

Well, the turnout was pretty good. Good food, good times, and all that dumb stuff that is all that comes to mind at whatever crazy hour it is. The contributors, and their opinion of what mathNEWS should do with its share of the Student Endowment Fund, are as follows: Curtis Desjardins (Create the Former-Mathies-Now-Artsies-Who-Still-Insist-On-Working-For-mathNEWS Trust Fund), Dan Gardiner (Pay me more), Steven F. Shaw (Beer. Lots of beer.), Tomas Tocek, Jennifer Watters (Hire search&rescue teams to locate the engineers lost on the 6th floor), Marco Koechli (I don't know, call me on my phone in the Caribbean), Stuart Pollock (Endow Students), Steve Vandereems (CD player for office), Lisa Yeo (give remedial classes in UNIX), Jeff Stammler (Be nice and give it to the Engineers? Whoa! What the HELL am I thinking? Sorry!), Mitch Fellen (Buy a cup of coffee), Fuzzy (Add full-colour centrefolds), Ian Goldberg (End of term patry - what else?).

*Productionist's note: Buy some Xterms to run pLAmN! Or printing privileges...*

Kivi

## Blasts from the Past - mathNEWSTen Years Ago

Friday, Oktober 1, 1982.

"I have a feeling that this place is not a university. Lately I've felt like it's a huge room with a one-way mirror through which behavioural psychologists watch engineers prove their sub-human classification."

"If any engineer is able to put a rebuttal on paper, he is encouraged to submit it to MC 7130."

"God, what a day! The computer went down and everyone had to think!"

"Together, we shall stumble through the cursed period known as 1A, (1.5A in Newfoundland)."

"Do you want wealth? Prestige? World Travel? A CO-OP Job? and other things that you've only dreamt of until now?"

"Mathematics (homosapiens superiorous) a.k.a. Mathies, Mathschoists

Easily recognized by superior looks and an unnecessary HP-41cv calculator hanging from the belt, the Mathie is best known for high intelligence and lots of money. The only students on campus able to get jobs with ultra-high salaries which truly reflect the inverse of time studied while on campus. The true Mathie need not study as the supreme intellect will carry him through the toughest of courses. MATHIES RULE THE WORLD."

Stadtler

## Ace gets a Heart Attack

It seemed like it would be a just another day of bridge at Hey University. The challenge match between the home team and the Indiana Outskirts University (IOU) was going well. Hey U was up 15 Imps going into the last quarter of play. Ace was playing with the Count, and Jack and Iona were at the other table, while some well-dressed statisticians were playing for their opponents.

The first board was to tell the tale of the upcoming set. Ace held: ♠A ♥AKJTxxx ♦A ♣AKTx. Naturally, he was pretty happy with his holding. He decided to temporize with a 2♣ opening, and then he would let the guns fly. The count, true to his form, counted his 0 points. He counted twice just to make sure, and then he bid the required 2♦. This did not deter Ace in the least, for he figured, well, since the Count doesn't have much, he won't be able to make seven, so let's just bid 6 and be done with it. So he bid 6♥, quite happy to have held such an incredible hand. But it was not to be—for the Count may not have held any points, but he did have 5 hearts, and only 2 clubs, so 7♥ was cold. And worse, the fine statisticians found out about the heart fit, and one of them, a gambler by nature, jumped to 7 hoping for club shortness, and was well rewarded for his gambit.

Hours later, with everyone exhausted, the match was almost done. The last board was placed in the centre of the table. The match was about even, and everyone just wanted the match to end. But Ace's interest perked up when he picked up his last hand.

♠x ♥AKQJxxxx ♦A ♣AKx

The words 'Oh no, not again', flashed through Ace's mind, not knowing whether anything he would do would be right. He decided to try 1♥ to start off with and then he would go from there. The Count bid 1♠, and Ace went into fits... how to find out about the ♣Q, and the ♠A. He decided to try 4NT to ask for Aces, and the count showed him one, and with all his major body parts crosses, he lept into the grand slam.

Ace

♠ x

♥ AKQJxxxx

♦ A

♣ AKx

♠ ATxx

♥ 9

♦ Kxxxx

♣ JT9

Ace almost broke into tears when he saw dummy, because he knew he could make it: he just had to discard the losing club on the King of diamonds and he was going to win the match. But it was not to be, for the guy to his left had found the lead—a small spade. Now he couldn't unblock the Diamond Ace before the Spade Ace. But he still had a back-up plan. He won the spade Ace, and played the Jack of Clubs, but the Queen was wrong, and down he went, along with the match.

Back at the pub the next day, he was passing the hand around to everyone who would pass by and ask them if he was wrong to have bid the way he did. He drank he pink flamingoes in solitude, waiting for an opportunity to redeem himself in the eyes of his fellow students.

Ace will be organizing some bridge games in the near future for all you enthusiasts out there. The first one will be October 20<sup>th</sup> (tentatively scheduled). Also, due to popular demand, there will be a second bridge night on November 10<sup>th</sup> in the Comfy lounge. If you win this game across all if Southern Ontario, you and your partner will win \$500!! For more details, come and talk to the bridge ace any time.

Ace Upmsleeve

## Campus Fest Thoughts

Wow, did you see it? Yes, I'm talking about all those tents, displays, games and promotional merchandise in front of MC on Monday and Tuesday last week. I almost got lost walking from MC to CC. This great 2-day event changed my whole diet, starting with Pop-Tarts for breakfast, pop-corn with Canada Dry soft drinks for lunch, Lipton soup for dinner, with candy-canes for dessert. After all this, as I was spinning on the Sphere-of-Death and deciding whether to hurl now or later, I also came up with several interesting questions.

Why:

- didn't Feds give out free beer? (ie: Why did Feds tease us with those kegs out there?) That would greatly supplement my Campus Fest diet.
- did Shields give out free samples to Math and Engineering students? (they really don't need them, this is UW)
- didn't Shields demonstrate how to use their products? (especially Math and Engineering students would like to know how to use them)
- didn't Warner Bros. show "Young Like it Hot" or "Deep Throat"?
- did Edge Co. make you play that silly "memory" game over and over and over until you got it right? (I don't think anybody lost that game)
- didn't Microsoft give out free samples of Excel, Word or Windows? (or any other software, or even blank 3.5's, or even 5.25's)
- didn't Microsoft at least give out free frisbees?
- didn't Apple give out free Macintosh computers? (I do need a paperweight on my desk)
- were Microsoft and Apple using IBM promotional tents?
- didn't Ford Canada give out free cars? Or at least half price? (Students are poor)
- didn't any of the skill-testing questions include integration?
- couldn't I figure out any of the skill-testing questions by myself? The assistant there always told me the answer beforehand.
- did they all need my name, address, city, province, postal code? (ie.: what kind of junk mail can I expect in the next month?)
- didn't Master Card give me a \$10,000 limit? (I'll pay it back, I promise, I have a job, I'm in co-op)
- do I need a Petro Canada Credit Card? The only time I go to a gas station is when I need to pump my bike tires.
- don't Pop-Tarts ever sponsor the Village cafeterias? (and show them what real food tastes like)
- didn't Playtex or Always feature any products for men? Isn't that sexist of them?
- despite my numerous entries, didn't I win the "One Year Supply of Always" contest?

- didn't we have more sponsors with more practical samples, especially (sorted in order of importance): Molson, Networks, NRG-FM 108, McDonald's, Ontario Lottery Corporation, Domino's Pizza, Labatt's, HMV, Canadian Tire Acceptance, Brick Brewery

Tom 2 Much

## Algebra Challenge

Can you prove there exists at least one pair of coprime numbers in  $n+1$  integers with all of them smaller than  $2n$ ?

chan ka hei

## Ultraclassifieds

### For Sale

STAT230 textbook for sale (or trade for STAT231 Part II. text)

call 884-1777

PC-DOS pirated software for sale. Awesome games, applications, utilities. Send \$1.00 for a catalogue.

call 519-PRI-VATE

Trade Win3.1 for OS/2 2.0

OS/2 sucks

### Wanted

Anyone who knows how to do Havoc level 5 of Lemmings please call ex.2325

Code:TFLGAHVFFL

Will pay cash for 8-track recordings of Public Enemy and Ice-T.

P.E. fan

Single white female wanted to share one bedroom. No experience necessary. Part-time or full-time positions.

mathNEWS box 69

I'm having trouble picking my electives, can you help me?

CS/Dance joint major

Wanted: (good-paying) JOBS for co-op students!

co-op students

### Personal

Happy 20<sup>th</sup> Birthday Dustin L. Marr!

Guess Who?

Pssst... do you have an othello program I can play?

SJA

Have a nice Thanksgiving weekend!

mathNEWSstaff

## mathNEWSquizz #2

... well, I say he does have to shoot me now, so  
SHOOT me now!

Greeting oh loyal squiz readers! With two essays and two midterms to study for, I'll get right to business. Here's last squiz's answers: 1) Pegasus; 2) Odysseus; 3) Egyptian; 4) Artemis; 5) Jo-Jo; 6) Wool-spinner; 7) Elsa Spielberg; 8) The Time lord; 9) Lenny in "Of Mice and Men"; 10) ACME (if you didn't get this one, then Shame! Shame!); 11) He never studied the Law of Gravity; 12) Black Jacques Schelaque; 13) Piers Anthony; 14) Fred Saberhagen; 15) The Wheel of Time; 16) Belgeran; 17) October 31<sup>st</sup> (Hallowe'en for the Idiot Impaired); 18) Figure Skater; 19) Houston, Texas (NYC mayor is second highest paid); 20) Betty Boop; 21) Animal House (oh, those kooky Deltas!); 22) Buffy the Vampire Slayer (go see this movie if only to see a stellar performance death-scene by Pee Wee Herman!); 23) Fast Times at Ridgemont High; 24) Caddyshack.

There were only 3 submissions, and they are as follows: Northern Exposure(9), Mortimer Icabob Fanclub(10), and our (un-surprising) winner is the Summer 1992 Squiz Grand Champions with a score of 11 — Tyrant, Rapunzel, and Betty Boop!! Tyrant & Co. can come claim their prize in the Soc Office. For those of you who weren't here in the summer, Tyrant & Co. won 3 of the 4 squizzes by *destroying* their opponents with their trivia knowledge. I put it to you, the MathSoc Public, to dethrone these champion squizzers, and teach them a much needed lesson! I give you your first chance to do so with these questions:

### Movie Quotes

1. "I'm fine, but it looks like you're having a bad hair day."
2. "Sue Ellen, every girl over 25 should have a cucumber in the house."
3. "There are only two secrets that can wreck a man's political career: getting caught with a live boy or a dead girl."
4. "K-mart sucks!"
5. "Hey man, am I driving OK?"  
"I think we're parked, man."

### Cartoons

1. Who drives a car called the "Thunderbolt Grease-Slapper"?
2. The Joker is to Batman as Snidely Whiplash is to \_\_\_\_\_.
3. How much did Daffy Duck pay for his quarterstaff?
4. What type of creature will the Abominable Snowman call George?
5. How does Super Chicken gain his 'super-powers'?

### Pot Pourri

1. There are only two elements that are liquid at room temperature and pressure, one being Mercury. What is the other?
2. In which movie did Warren Beatty have affairs with Lee Grant, Julie Christie, Carrie Fisher, and Goldie Hawn?
3. What "Etruscan" island was Napoleon exiled to in 1814?
4. Verona, Italy has commissioned someone to answer letters addressed to this fictional 13-year old girl.
5. In the movie "Superman II", Lex Luthor offers to help General Zod capture Superman in return for being named the ruler of what country?

### Ancient Egyptian Religion

1. Which god fought Seth(Set) to a standstill many times for the rule of Heliopolis?
2. Name the two first children of Amon-Ra.

3. Who is the god of knowledge?
4. Where was Tutankhamon bombed?
5. Who was buried at the Great Pyramid of Giza?

### Song Lyrics (Name the Song and Artist)

1. Another chance has been engaged  
To throw the rope and rearrange
2. There was this misconception all over town  
That she ate lonely guy heart by the pound
3. Years of listening, taking in  
To one day take away.
4. The picture you see is no portrait of me  
It's too real to be shown to someone I don't know.
5. Big Mac, Fillet-O-Fish, Quarter Pounder, French Fries

To enter the squiz (and win fabulous prizes!) just jot down your answers and name on a piece of paper, and place that paper in the BLACK BOX located across the hall from the comfy lounge on the 3<sup>rd</sup> floor of the MC. Can it be that easy? Yes! It's just... that... easy. Remember to do so before 5:30pm Monday October 26<sup>th</sup>. And thank you for your support.

Token Artsie  
Harry Organs

## What's the Question?

The object of this puzzle is to find the value of the word QUESTION. Each letter of the alphabet has been given a unique numeric value from 1 to 26 and the value of a word is the sum of all the values of that word's letters. However, since no word in the list below has a Q, you must first find the values of the other 25 letters in a process-of-elimination style. The values of the letters remain the same from word to word and all non-letters have no value. Good luck.

ALGEBRA = 91	ASSIGNMENT = 67
BOMBSHELTER = 133	BRIDGE = 64
C + D = 46	CALCULUS = 137
CAMPUS = 88	CARDS = 76
CLUBS = 78	COMBINATORICS = 165
COMFY LOUNGE = 174	COMPUTER = 119
DAVIS CENTRE = 115	DESCARTES = 92
DOUGHNUT = 137	DUCKS = 80
E-MAIL = 56	EUCHRE = 87
EXAM = 35	FINAL = 65
FROSH = 86	GAMES = 48
JAVA = 67	KALBFLEISCH = 152
LECTURE = 89	MATHNEWS = 66
MATHSOC = 96	MIDTERM = 85
MONEY = 50	OPTIMIZATION = 125
PI = 26	PIZZA = 60
PROFESSOR = 126	PROOF = 101
PUTNAM = 71	SCUNT = 52
SIGMA = 53	SIXTH FLOOR = 146
SLEEP = 46	SOLVE = 66
STATISTICS = 74	STUDENT = 67
STUDY = 67	THETA = 47
TUTORIAL = 109	UNDERGRAD = 138
WATERLOO = 85	WATSFIC = 81
WORK = 52	XTERM = 43

If anybody actually figures out what the QUESTION is, put the answer on a piece of paper and submit it to the BLACK BOX outside the comfy lounge to be eligible to win valuable mathNEWS prizes. You should probably put your name on the sheet of paper too.

The Puzzle Bandit

## Grid Comments

*From the Great Beyond*

Now people, this is really not that difficult. You read the clue, twist your mind into an abstract geometric shape and Presto! out pops an answer. If you're lucky it'll be the correct answer. If not, you can hope that no one else can figure it out either. No matter what happens you get that warm feeling of seeing your name in print.

Next time I expect to see all kinds of submissions by all kinds of people. I would like to say that this one is easier, but I can't. Well, I could but I'm not sure that it's true. They make sense to me, but I can't guarantee that they will make sense to anyone else.

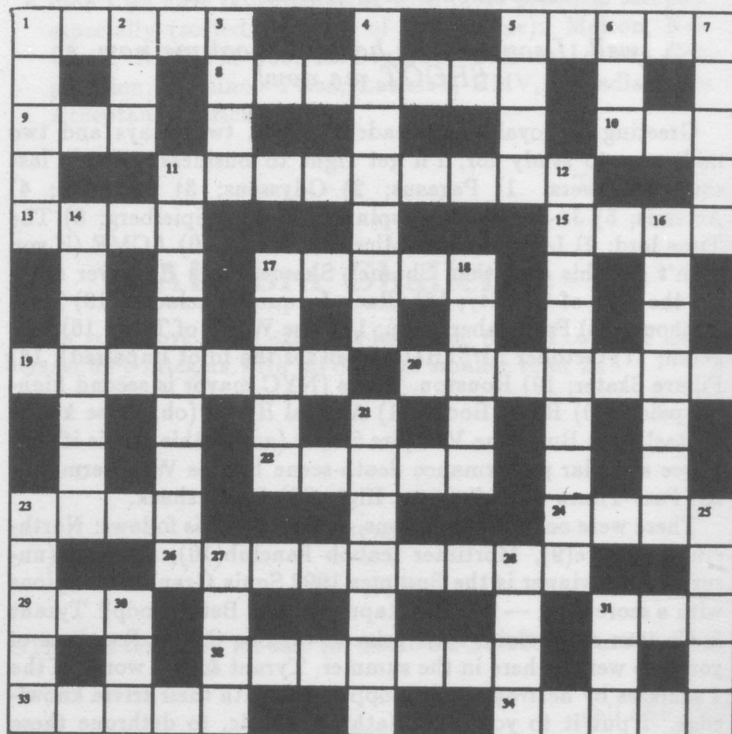
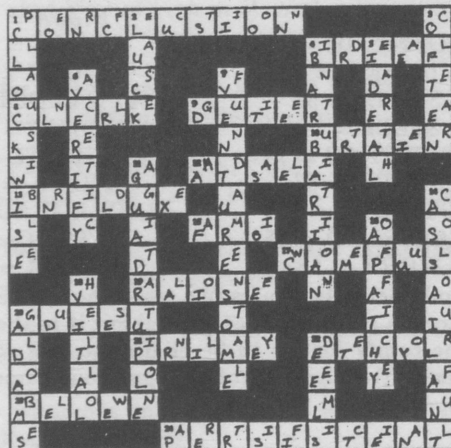
Happy Gridding

Shenothe

## Cryptic

### ACROSS

1. The thing loomed in the darkness (5)
5. Because sin ceases (5)
8. The ex-clue did not appear (7)
9. Nothing is left (3)
10. Yes, horses eat hay (3)
11. Mother has spasm after car is seen moving by itself (9)
13. Coin shaped image on the screen (4)
15. I rise to the sight of your eyes (4)
17. Melody found in the Mediterranean (5)
19. Our best ranger was unusual (7)
20. R.E.M. mats pause and fall backwards (7)
22. We met at the Greek sign, or near it (5)
23.  $\lim_{x \rightarrow 0} (\sin x - x)/x$  (4)
24. I do love to admire him (4)
26. The Gaelic stone lost its intersection and became wistful (9)
29. Nab the barrier and turn around (3)
31. Squash the ultra-violet ant (3)
32. The nice tab was scattered on the dresser (7)
33. Try to scam plenty for me (5)
34. Hearing aids for Trudeau: diodes



### Down

1. Dream of her? I, I generally do (5)
2. Olive often fries with it (3)
3. Order me number 5 (4)
4. He can sleep through the jostling rumbles (7)
5. Half of these might be mine (4)
6. Any mixed up no is disregarded (3)
7. Those with morals tremble (5)
11. Aim it at no dispersed spirit (9)
12. The maniac tie shattered the film-like image (9)
14. A likely cure is within their grasp (7)
16. Infer no conclusions or you're fired (7)
17. That it gets how taut? (5)
18. Employ X-Tree remote arrays to start an addition (5)
21. Angle it so the jello moves about (7)
23. 'Zee brain iz black anz white' (5)
25. Compelling oratory masks jargon (5)
27. When the ounce you lost (4)
28. A toi, je donne une petite particle (4)
30. Sleeping up a Greek god (3)
31. Tiny amounts deposited (3)

Many thanks to Gridfuzzy!! I made it home in time to get ready to go to class.

name:

favourite Movie (non-porn):

comments: