

Volume 58 Number 2

math **NEWS**

Friday, January 31, 1992



Look Ahead

mathNEWS	
February 10	Issue #3 production night 6:30pm, MathSoc (MC 3038)
February 14	Issue #3 hits the stands
February 24	Issue #4 production night 6:30pm, MathSoc (MC 3038)
February 28	Issue #4 hits the stands
Math Faculty	
January 31	Course drop deadline
MathSoc	
February 17-21	Reading Week
February 16-21	Ski Trip to Killington
Co-op	
February 10	Interviews start
February 28	Interviews end
February 28	Ranking Forms Available
March 10	Employment Acceptance

External Affairs

All you mathies might want to take a moment to find out what the big wigs in our faculty are up to. There will be a motion to change the name of the...

Faculty of Mathematics to the...

Faculty of Mathematical and Computer Sciences

Last term, there was a recommendation from the Ad Hoc Committee to change our name to keep up with changing times and the broadening of the faculty (mainly w.r.t. computer sciences). The term "mathematical sciences" is being more widely used today by organizations such as The American Math. Society, NSERC, and a research centre at Berkeley: The Mathematical Sciences Research Institute (MSRI).

Basically, it is believed by the Ad Hoc Committee that mathematics just does not cover the breadth of our faculty. This will be the third time the faculty has attempted a name change; the first two times, the motion was defeated by the Senate.

This year will be the faculty of MATHEMATICS' 25th birthday. It may not have a 26th, depending on how the vote goes at the next faculty meeting. I WOULD LIKE TO HEAR YOUR OPINION! If you have any comments, criticisms, likes, dislikes, if you are vehemently in favour or opposed... let me know. You can leave notes in my EXTERNAL box in MathSoc or you can catch me in the halls (if you know what I look like).

Imagine, next term you could be holding a *math and computer scienceNEWS*

Jason Fournier
External Director

Prez Sez

First of all, I would like to say thanks to everyone that supported me in our recent presidential election. I know that with your help I can make these terms a memorable part of your university career.

The term is now in full swing and so is the Math Society. You may have noticed a few changes around the Office and the rest of *The Zone*. We have a new office for the Mac Lab and MGC has moved into Club Hallway. We've reorganized the Office to orient it more towards service and make it a more inviting place to hang out with friends. Our 24-hour information line is up and operating, giving everyone instant access to such information as upcoming events, office hours, and meeting times by calling 888-4779. Each of our executives is involved in a set of objectives designed to add value to their jobs so we can better service you, the members of the Math Society.

Any suggestions that any of you may have regarding the organization of the Society as a whole (or just your small part of it) are welcome in the Office at any time. Likewise, if you have any questions about what we're doing or where we're headed, we'd love to hear from you in person or via our message boards on the Office wall. This society operates for you, the students, and we're always interested in your opinions and your input. Show your enthusiasm by coming out to our events and supporting our activities with your time and effort.

Markus Baumann
Math Society President

Math Grad Committee

Hi Everyone,

Our next Pizza Day is Wednesday, February 5. If you want to help, the sign-up sheet is on the Math Grad Office door. If you just want to eat, come by the 3rd floor between 11:15am and 2:00pm for a slice.

There is a broomball game scheduled for Tuesday, February 4th from 3:00pm to 4:00pm at Columbia Icefield. Sign-up starts today in front of the showcases on the 3rd floor and continues until the day of the game. You don't need a team to play and you don't have to be a broomball wizard to sign up either. It is just for fun.

Nominations for the J. Alan George Award are open from February, 3rd until February, 28. For further details see a related article in this issue of *mathNEWS*.

The winner of one free ticket to the Math Grad Ball for his idea for the MGB theme is Geoff Greening. The theme is '25 Years of Class' in honour of the 25th anniversary of the Faculty of Mathematics.

The pub at the Heuther last Friday was a great success. Thanks a lot to everyone who helped sell tickets and make posters. Thanks also to all of you who attended.

Tracey Kealey and Angie Wong

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Editor: Curtis Desjardins

Pure Math and C&O Club News

The First of the Term, So I'm Told

Welcome back to our bi-weekly column in your friendly neighbourhood bi-weekly newspaper, *mathNEWS*. Wherein which we will wantonly update you with our regular club activities, and give up our ambitious attempt at alliteration.

We have, this term, a brand new executive, being the following: Leon Hsu as the all-encompassing president, Nikhil Shah as the all-supportive vice-president, and Eric Sutherland as the all-embezzling treasurer. M. Powojowski plays the official foreign head-hunter, Quebec division, F. Sinatra plays the doormat, the tunes are courtesy of Frederic C., and yours truly penned the lyrics. Soon to be released, etc., soundtrack available on etc., stuffed PMCOC dolls available by etc., etc.

Admission tickets are available at the box office, MC3033, and are good for one term. The cost? A mere one (1) dollar, payable upon receipt of tickets. Weekly talks have FREE admission, tickets are needed only for the privileged rights associated with the inner sanctum. They do, however, help to pay for the snacks provided at talks. Come by our (box) office any time, we're usually open during the day.

Now that that's settled, we can get on to upcoming events. Prof. Djokovic will have given a talk on Thursday on quadratic reciprocity and permutations. It was at 2:30 pm in MC5136. As usual, that doesn't do you a whole lot of good at this point, but I include it in the name of historical accuracy. Doughnuts and associated beverages provided FREE for all onlookers. Also coming up during the term are Maple talks. We will likely be continuing on our traditional frequency of one a week once the ball is fully rolling, and we'll keep you posted RIGHT HERE in this very newspaper. We have an (indoor) soccer team this term, to continue our long and mighty tradition of athletic challenges to any and all. We have already played one game, which I believe we won. Then again, I could be mistaken, if not outright lying, about the score. Oh all right, I have no clue as to the score, but the game DID happen, and my beliefs are as valid as anyone else's.

love, uncle larry

CSC Flash!

(Downloaded from the USS Discovery)

Goooooooooooooooooooood Morning CSCers!...

This is your fearless leader, Calum T. Dalek, typing to you from the USS Discovery. Heck of a view up here! I think I can just make out the CSC flag atop the Mighty Math Building of U(W). It certainly has been quite a week, what with talking to Bush and all this velcro...

I did manage to make it to the CSC Program Committee on last Thursday, and let me tell you the Winter '92 Exec has some good stuff lined up! Among many others items are a tour of the Computer Graphics Lab in DC (the one for CS488), a possible SIGGRAPH video presentations and talks on everything from AI to Zippers and beyond.

Well, gotta get going. Me and that astronaut of ours are gonna strutt our stuff for the Americans at a 'local' shindig. After that, the sky's the limit!

Calum T. Dalek
Don't forget to wave!

The ASC Strikes Again

All I have to say is that things are just gliding along at the Actuarial Science Club. We have a new executive for this term dedicated to making this term an exciting one. Our various positions are held by the following:

President:	Wayne Edwards
Vice-President:	Jill Hoffman
Treasurer:	David Ptashny
Office Manager:	Sebastien Lagarde
1 st Year Rep:	Clarke Marrin
2 nd Year Rep:	Sebastien Lagarde
3 rd Year Rep:	vacant
4 th Year Rep:	Scott Martin
Diploma:	Helen Sullivan

The only real announcement that needs to be made is that the official ASC Examination Results Party will be held TOMORROW, Saturday February 1st, at Scott's place. Unless you have been hidden under a rock for the last week, this should not be news. All that needs to be known about this party is that the booze will be flowing fast, cold and cheap. The deal on beer is so good that it should be illegal. (Actually, maybe it is.) So don't delay! To get more information about the party (ie. where it is, etc.) and our special deal on beer, get over to MC 3030 right now before you miss out! Don't say I didn't warn you.

Wayne the Prez

Introducing...

The Business Administration Club.

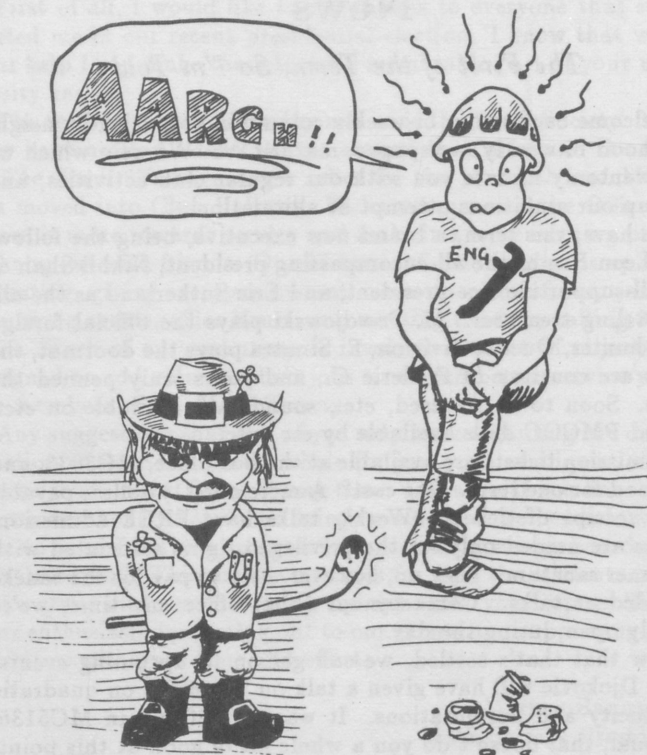
Whenever I meet someone important, like a CEO or some other ivory tower figure, I always ask them what characteristic they believe is most important in making a successful individual. I've heard answers like, "the ability to get along with people," and "knowing what people mean even when they aren't saying what they mean." I've heard answers like "perseverance" and "hard work." But surprisingly, in the many times that I have asked that question, not once have I heard a reply that had anything to do with academics. This helped me to realize that there is more to business than what is learned in the classroom.

The Business Club is an exciting new organization that provides students who have an interest in business an opportunity to develop themselves in areas that can't be covered in a classroom setting. Look for posters of upcoming events such as a speaker from the Dale Carnegie Organization, or a trip to the Toronto Stock Exchange. Drop by our office (MC 3030) if you're interested in a membership or have ideas about events that you think would be worthwhile.

Kevin Boyes, President

The New Breed of Warrior ...

- Name:**
John "the Wrestler" Tucker
- Position in mathNews:** Horizontal
- Favorite place of birth:** Manitoba
- Craziest Hobbies:**
Growing Marijuana
Emptying Recycling Containers
- Life's Greatest Ambition:**
To get an article accepted in
mathNews
- Favorite Weapon:**
Shillelagh
- Pet Peeves:**
People who let their dogs litter on my
grass



**DON'T WASTE OUR FUTURE
RECYCLE** 

Attention: MATH GRADS !

The J. Alan George Award:

Nominations for the J. Alan George Award will be open from Monday, February 3 until Friday, February 28, 1992. Nomination forms will be available and posted outside the Math Grad Committee office, MC3029.

What is the J. Alan George Award? Any student intending to graduate this year and satisfying the award criteria will be eligible for nomination. Criteria for the award include involvement and participation within the Math faculty and/or University-wide activities throughout the student's undergraduate career. Detailed nomination and award criteria will be posted on the MGC office door.

As well, we are searching for four students in the graduating class to be members on the J. Alan George award selection committee. The committee will select the award winner in March and the award will be presented at the Math Grad Ball on Saturday, March 21, 1992. All those interested should speak directly to Angie Wong or Tracey Kealey, MGC co-chairpersons.

Nominations will close Friday, February 28, 1992 at 4:00pm.

Angie Wong
Tracey Kealey

GINO'S PIZZA

Try a little bite of Italy
747-9888

The Official Pizza of *math NEWS*
**160 University Ave. W.
Waterloo**



Student Party Pack

4 Large 15" Pepperoni Pizzas (40 slices)
\$27.00 + tax

Expiry Date Feb. 14 1992

Gino's welcomes everyone back and
wishes the best of luck to all.
See you at Gino's!

Did you Happen to Notice These?

Some interesting jobs in the Want Ads this term, as ever. Check these out!

- Arts Special Programs. Several jobs here, but the following phrase is typical: "The successful applicant will be employed for the eight week duration of the camp plus a one week orientation period commencing June 29." Is it our imagination, or is that just a wee bit short for a work term?
- Autodesk In. Based in Sausalito, California. Among other things, they're asking for "strong communication skills, ability to read, write and speak English effectively." In California? Like, wow!
- Bingeman Park. Our favourite is the Picnic Co-Ordinator and Special Events, where they require a co-op student to be "responsible for the smooth operation of numerous company picnics held at Bingemans." Kind of makes you wonder why you bother getting a degree, doesn't it?
- Canada Post Corporation. Specifically the Environmental Consultant position: "The successful candidate will compil [sic] WHMIS inventory, . . . be involved in transportation of dangerous goods. . . ." Heck, stop there! That's the job I want!
- Canada's Wonderland. See Bingeman Park.
- Chedoke-McMaster Hospital. "The successful applicant will work in the Prosthetics-Orthotics Department." Is it just us, or is this reminiscent of last year's FASS show? "Limbcrafters. Quality prosthetics in about an hour."
- City of Toronto. One phrase just jumps out at us: "Toronto City Hall is centrally located." Thank you, Einstein. Next!
- CNIB Lake Joseph Centre. Their precise directions are "just south of Parry Sound." Heck, that's all right. You have good reason not to be quite sure where you are.
- Del Wilber and Associates. Okay, fairly long listing. Looks pretty good, until you go over the page to continue, and there's this friendly "NOTE: Students should be aware that salary for this job is \$100/week, intended to cover travel expenses only." Hey, that's okay. We don't need no steenking salaries anyway.
- Dofasco. They're asking for students at "Any" level, but who are in their sixth work term. Yeah, some of those frosh really get around, don't they?
- Fairfax Financial Holdings Ltd. "Candidates should have knowledge of the following: . . . d) good sense of humour." That rules out mathNEWS writers!
- Gellman Hayward and Partners Ltd. "Gellman Hayward has enthusiastically supported Waterloo's co-op program for over 14 yrs. We are enthusiastic because co-op students have made a significant contribution to our success. Many have stayed with us and built careers in the consulting field. . . including two of our partners. . . . You can also expect to have fun. . . we're a youthful group, we value people, but we're serious when it comes to doing good work for the client." Holy pep, Batman! I get tired just reading this stuff.

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Challenge in Guyana

I'm sorry to interrupt this humorous (although some would argue that) publication with a serious article, but it's important. My name is Rob Bell and I am a Math student on my 2B work term. Krista Lovrics, a third year physical geography student, and I, are going to Guyana in August of this year with Youth Challenge International (YCI). YCI is a non-profit organisation with international and youth development as its primary goals. To this end, YCI organises community service, medical and environmental projects in developing countries.

The selection process for the challengers was rigorous. First, we each submitted a four page application. Out of hundreds of applicants, about forty were selected to attend a forty-eight hour interview, during which we went winter camping north of Toronto. Both physical and mental skills were evaluated and about twenty-five central Canadians were selected. With about ten people from each coast included, there will be around fifty young Canadians involved.

Joining us in Guyana will be fifteen Guyanese, five Costa Ricans and five Australians. Together we will take on projects such as: building schools or community centres; vaccinating and educating the Amerindian people; and helping to establish Guyana's first national park.

When we return, the final stage of our participation will begin. We are committed to sharing with others what we have learned, including one hundred hours of community work, and presentations to schools and other interested parties.

Although the Canadian International Development Agency sponsors YCI to a great extent, each participant has to raise \$3000. In this area, we require help. Krista and I will be running events on campus this term in order to raise money. We could use your support. Our first event is a bake sale planned for Wednesday, February 19th, although the date is not firm yet. Any kind souls willing to sacrifice themselves for a good cause to buy some homemade goodies should check this periodical in two weeks for the accurate time. (Place will be the CC). Also, we could always use more bakers. If you have the time and energy to do such things, please feel free. Our next event is going to be a book sale so if you have any old textbooks or even real books that are just cluttering up your room then throw them our way. If you are interested in donating books, baked goods, money, time, suggestions or just finding out more about YCI, please contact me at 886-2229.

Rob Bell(my real name)

Suggestion of the Year

We would like to suggest installing a large screen T.V. and VCR in the 3rd floor comfy lounge to show videos at lunch time.

We believe that both the Science and Engineering faculties have already implemented something similar, thus illustrating that such an idea could be successful for the Math Society as well.

This idea would benefit students who do not have the luxury of a T.V. or VCR or the budget to see movies in the theatre. It would also provide a break in the day for all Math Students.

The cost of the equipment (T.V., VCR, secure encasement, etc) could be offset by initially charging a nominal admission fee of, for example, 50 cents. This fee would also easily cover the cost of the video rental.

3B OR student
3B CS student

"That's what the girls want, so that's what the guys want; 'cause the guys want the girls."

Hotson ECON 101

"I'm Harry Logan ... this term!"

Logan ENGL 306D

"Neurotics build castles in the air; Psychotics live in them; Psychiatrists collect rent on both."

Cordey PSYCH 357

"Hey, retard!"

Cordey PSYCH 357

"I don't want to be taught a Pre-Natal class by someone who hasn't had children, just as I don't want to be taught Nuclear Physics by someone who hasn't been an atomic particle."

Rempel, PSYCH 211

"I told you the other day that the quadratic formula holds; but I lied."

Vanstone C&O 331

"I'm not trying to be logical, I'm trying to prove something."

Cummings PM 331

"My bladder isn't quite as good as it used to be."

Hoffman PM 467

"It's because I'm going senile, I think."

Hoffman PM 467

"I have to go see a man about a dog, then I'll go on with my lecture."

Hoffman PM 467

"You can simultaneously suck them in from both sides. I leave this as an exercise."

Hoffman PM 467

"Now you don't have to call anyone a jerk anymore; you can just say 'shut up, you third derivative of a direction vector!'"

Tent AM 250

"One of the most important events in the English language was the Vowel Movement."

Logan ENGL 306D

"Does everyone agree that I've strewn a little confusion around? That was my goal here."

Mackay STAT 230

"I think Lebesgue should get the clap."

K. Hare

"I'd like to see everyone get it!"

Springer STAT 230

"If you're not going to give me a head, I can't marry you."

Hotson ECON 101

Prof Quotes

"All of the mathematics that you learn here - most of it, for most of you - is a waste of time."

Mackay STAT 230

"I'll bite off anyone's head who laughs. I'm the one you're supposed to be laughing at!!"

Wainwright MATH 138

"... socialists, and other people who don't think things through ..."

Larry Smith ECON 101

"My bladder is in good shape today ..."

Hoffman PM 467

"Just suck a little bit ...!"

Hoffman PMATH 101

"A lot of people know a lot of things about a lot of things!"

S.Safayeni CS 432

"So if after class you want to go hide in a corner and pivot ..."

CE Haff C&O 370

"So if a 'get' is not countable, it is uncountable."

J.Ebergen CS 360

"Don't worry about this last thing ... just write it down, and no giggling!!"

Hoffman PM 467

"Now, that's confusing, but don't be confused by it."

Cummings PM 334

"If you go skiing and your heart stops, you would be disappointed."

S.Safayeni CS 432

"In prep school I always used italic handwriting, then I was browbeaten into using copperplate style, then I became a mathematician and it all became chicken scratching!"

Jackson C&O 230

Theatresports Waterloo!

Improv Comedy!

In a nutshell, "Theatresports" is a "sport" where teams of three to four actors get up on stage, and with *your* suggestions, do something... anything! They are scored on their efforts by three evil judges, and at the end of the night one team emerges the victor - and everyone goes out to the Olde English Parlour. To see this remarkable spectacle in person, come out to the Wing 404 Rotary Centre (Albert & Weber) February 13 at 8pm. Admission is \$5, \$4 for members.

Theatresports

mastHEAD

Tales from the High Chair

Well, it's ten after midnight, it's late, and we haven't started to do layout yet, and you know what that means... yup, it's time to write the mastHEAD. In the beginning, the night was great. We tried out our *NEW* production system, and so far it's got the Green Light from me. Siskel and Ebert give it two thumbs up, too. Last week I busted the MathSoc phone pretty good (broke it 3 places simulateously when I ripped it out of the wall). I'm happy to say, the phone is still in working order, yes, even as we speak. There was a *TON* of people here tonight to help out, and thanks go out to them. The pizza and donuts didn't last long, did they? Oh yeah, we, or more accurately, I had a good scare tonight. At 10 o'clock we had a power outage in the MathSoc office. My terminal and all the photoblasters went down for about 30 minutes. And I thought the night was going to end smoothly. Well, it's time to do my obligatory thanking of those people who helped out tonight, so here they are along with their least favourite professional wrestler: Mark Brockington (all of them); EC Sutherland (The Phantom of the Math Building); Phil "Perfect" (Mr.Perfect); Dale Wick (Brother Love); Stuart Pollock (Super Ninja); Ian Goldberg (the tag-team of Reg and Ed O'Toole, the 'Irish Engineers'); Kivi Shapiro (Zeke Zuchini); Shannon Mann (They're professionals?); Mishelle Ducedre (They're all the same, aren't they?); Steve Shaw (The Quadratics Kid); Brent Williams (Big Bad Bunter); Jason Fournier (WatEng Wrenchheads); Rob Bell (that Certain Nameless Senorita); Dean Chan (Bill the Cat); John Tucker (Big Bad Mama); Sultan Saini (Virgin the Unconquered); Jennifer Watters (Bobo the Music Man). And as always, thanks to Gino's pizza (the official pizza of *mathNEWS* production nights), and Marion at Graphics Services (Hi Marion!). Thanks all for coming out. See you in the funny papers!

Curtis Desjardins (Sean Ryan, the Syphilitic 'Roider)

continued from page 5

- Hewlett-Packard (Canada) Ltd. "The candidate will receive training and will be coached in tax matters. Excellent opportunity for learning valuable information about many different aspects of tax (GST, Corporate tax, etc.)" Oh, baby.
- Loblaw Companies Ltd. Although they seem to be closet artists: "As part of the Group, a team of 7..."
- Metropolitan Toronto Police. "A student would be a welcome addition to the Geo-Code team." And looking at the job description, we can understand why — these are not popular tasks. We mean, how far can you trust a company that says they're located in "beautiful downtown Toronto?"
- Northern Telecom Canada Limited. Who, Me?'s personal favourite: the student is working in the Captive Office. "The individual will be required to facilitate wiring changes/installation: to support equipment installations/maintenance; to improve Captive Office working environments." Perhaps that means we get to change their leg irons every now and again.
- Prudential Assurance Co. Ltd. This one gets the Incomprehensibility Award: Their "technical environment includes Amdahl 5980-400E mainframe, supporting a coast-to-coast network; CA IDMS/R database management system; OS-MVS/XA operating system," etc. etc.

Prof Quotes I'd Like to Hear

But Probably Never Will

- "Now what kind of stupid question is that?"
- "Jeez, man, I'm so wasted."
- "No bonus marks will be awarded, except the blonde there in the first row, yeah, the one with the hooters."
- "I admit it — I've never had sex. Well, at least not with a human."
- "Would you please shut the f**k up?"
- "Everybody who thinks this guy in the front row is an asshole, raise your hand... Yep. I agree."
- "Just because I went to undergrad school for four years, grad school for five, and have been a professor here for ten years does not necessarily mean that I can't cope with the outside world."
- "Has anybody got any hash? Can I borrow a bit?"
- "OK, we're adjourning to the Bomber. Drinks are on me."
- "Anyone get laid this weekend?"
- "Nobody leaves this room until I have a date for Friday night."
- "I only have to spend weekends in jail now."
- "Are you the one screwing my wife?"
- "Nothing you ever learn here will be of use to you. You're all going to end up in dead-end programming jobs, no matter what your speciality is."
- "Of course I don't expect you to understand this, since I have only a vague understanding of it myself."
- "Ah! Spiders! Spiders! Bugs everywhere! Arrrgh!... oops, sorry. Flashback."
- "I'm only posting office hours because I know that even if you manage to find my office, and actually find me in, I'll make you feel like such an idiot that you'll never come back."

Flipper

- Public Service Commission Canada. One of the Energy Mines and Resources jobs seems to be entirely "reading and selecting clippings of appropriate articles and editorials from daily newspapers," and then shuffling those articles around. We got bored doing this for one night — imagine 17 weeks.
- Public Service Commission Canada. Why do these all look the same? Anyway, there's another one where you get a "Security Clearance: Secret." That's right: they don't tell you what your security clearance is. Doesn't that make you feel important?
- Xerox Canada. "As a co-op student, you will be asked to perform many of the tasks required of a full-time analyst." And reading that job description just makes us realise how little we want to be a full-time analyst for Xerox.

But hey! Enjoy your work term, co-op type people! Who, Me?
Harry Organs

VapidFire

- The 'Co-ordinated Student Directed Plan on Improving the Quality of Student Life at UW' was voted on on January 28, 1992. It's very different from the 'Student Life Building' we voted on before. Very different. Trust us. The administration is your friend. All those people who voted 'no' and CS students please line up for Computer screen radiation testing.
- C(28,1) locks have been cut off lockers in the math building. They are for sale in MathSoc for 30 cents each. All proceeds go to the 'I need a lock' donation fund.
- A new strain of Dyslexia is running rampant throughout the Math Building. Says one student: 'I saw a person come up to the recycling containers. He had a nac in one hand and a obttel in the other. He looked right and right, and then put both objects in the correct containers. Weird.
- Haemopheliacs beware, those vampires from the Red Cross will be back February 24. Crosses don't work, garlic doesn't work. Come out and support us ...er, I mean them. Yeah, that's right! Help feed a poor kid. Suckers ...volunteers welcome.

Quixotic Jedi (aka Other Brother Daryl)



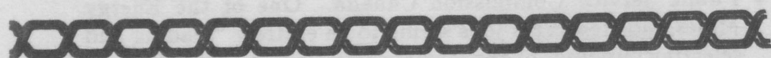
Get Involved

Nominations are now open for the position of ORIENTATION DIRECTOR with MathSoc.

Deadline for ORIENTATION DIRECTOR is February 3, 1992 4:30 pm.

NOMINATION FORMS ARE AVAILABLE IN MATHSOC MC3038

jeffie



Solution of the Week

$$\text{Solve for } y: \frac{dy}{dcabin} = \frac{1}{cabin}$$

Solution:

$$\begin{aligned} y &= \int \left[\frac{1}{cabin} dcabin \right] \\ &= \log cabin + C \\ &= \text{houseboat} \end{aligned}$$

- XTC

Ultra Classifieds

The Buffalo Bills CHOKE-ACROSS-AMERICA Tour continues:

- 1989 - Cincinnati
- 1990 - Cleveland
- 1991 - Tampa (Special Guests: New York Giants)
(Instrumental Solo: Scott Norwood)
- 1992 - Minneapolis (Special Guests: Washington Redskins)

Hugh Chipman call 749-8839. I recycled your phone #.

Advanced Theorems

A Short Poem

H stands for hypothesis,
All C means is conclusion.
Whether you believe in Math,
Or think it's all a delusion,
You may need these theorems
At one o'clock in the night.
When your eyes burn in your head,
And no answer comes out right.

AMGT - Angry Math Gods Theorem

If H: You are foolish enough to anger a Math God.
Then C: All tautologies become contradictions, but all contradictions remain contradictory.
Note: If this leads to a contradiction, then nothing is true!!

BGT - Benevolent Gods Theorem

If H: You cannot find an answer.
Then C: Anything is correct, just 'cause!!

DIT - Divine Intervention Theorem

If H: You cannot find a solution.
Then C: A miracle occurs and anything is correct!

KMGT - Kindly Math Gods Theorem

If H: The Math Gods smile on you.
Then C: Anything goes!!

M1T - Math 137 Theorem

If H: A function is continuous and differentiable.
Then C: At 2:30am, it works!!

Root Three Theorem

If H: You are in doubt.
Then C: The answer is root three!!

Created by: The Ditto, Black List, Section 8(aka Squirrel Boy),
and LeftwingBleedingheartCommiePinkoliberal Hater!!
Poem Written by: Lestat (aka Mr. Modem)
Inspiration from Math 135, Math 137 and Miles Long.(?)
Produced by: The Ditto
General Comments: duh, uh ... root three!

Math, the Universe and Everything

Life: A User's Guide

1. Entrance

The act of entrance is usually involuntary. Such things as parents, family circumstance, and the body you develop are not choices available to you, but are rather dependent on the parental units. So don't bitch about stuff you can't change.

Note: The equipment issued at entrance, namely one (1) body, MUST be returned upon exit, no matter what the condition of said object. Note also that this is all that must be returned.

2. Exit

On the other hand, exiting can be accomplished at any time and is often largely a matter of choice. It has been determined that a flashy, exciting exit is much better than a slow, lingering, boring one.

Good Ways to Exit

being hit by a falling piano
drumming for Spinal Tap
choking on your own vomit
being hit by a comet
sexual exhaustion

Bad Ways to Exit

rummaging through garbage cans
being run over by a moped
choking on someone else's vomit
being surrounded by Neo-Nazis
being a blood sacrifice to a pagan god

3. Everything Else

Everything that happens between entrance and exit is up to you. The only rule that is written in stone is that if you exit, stay exited. Those that do otherwise confuse the hell out of the rest of us, or occasionally start the basis for a new religion.

Stuff you may run across:

Dogs: Fun fun animals. Much better than cats. Drawback: smell funny when wet.

Love: Could be What It's All About (I wouldn't know...). Enjoy it while it lasts. Drawback: hard to find.

Beer: Could also be What It's All About. Advantages: be a fun person all the time. Drawbacks: become an alcoholic, get run over by a train, die miserably. Is it worth it? You bet.

Sex: I've heard of this and even remember it in my distant past (say, at conception). Not to be confused with Love (above), although many people do. Much like beer, it can be great if handled well. Otherwise, look out. Advantages: ooh baby baby. Disadvantages: may cause exit (yours) or entrance (other).

Math: This one hurts. Folks, on a universal scale, math means nothing, mainly because it will not help you with Love or Sex (although an enhanced appreciation of Beer is possible). Also a fairly good way to avoid joining the real world for four (or five) years.

Religion: A touchy subject, but a good way to pass the time between entrance and exit. Tends to give one a feeling of well-being as one travels through this vale of tears.

A Short List of Good Things

- pasta
- warm spring days
- B-movies
- making the cover of Rolling Stone
- Coca-Cola
- beer
- well-behaved kids
- friends
- Led Zeppelin
- cheap greasy pizza
- Kids in the Hall



A Short List of Bad Things

- rap music
- alt.conspiracy
- loneliness
- premature ejaculation
- raw sewage
- New Democrats
- global warming

A Few Final Pieces of Advice

We're here for a good time, not a long one.

Enjoy it, you've only got sixty years left.

Life is a driveway and I'm going to shovel it all night long.

Flipper

Top 10 Items NOT To Put On Your Resume

10. Treasurer of Young Neo-Nazis of Ontario
9. Head of design team for Ford's 'Explosive' Pinto
8. Brian Mulroney's Senior Policy Advisor
7. Co-architect of Administrative procedures of Needles Hall
6. Bathroom Monitor for General Motors
5. Bouncer for Fed Hall
4. Real Estate agent for Bill Vanderzalm
3. Chernobyl Nuclear Power Plant Operations Director
2. Senior Town Planner of Kitchener/Waterloo
1. Editor of *mathNEWS*

Chaos Bringer

Logic Puzzle the Second

Interesting sort of mixed reaction this week. 21 entries — way beyond what I was expecting, most of which complained the puzzle was too easy, but seven of which got it wrong. Yes, it was easy. It was meant to be easy, for those who like having a puzzle they can actually solve once in a while. But this week (and possibly later weeks as well, depending on the generosity of the Pineapple Prophet) we have two puzzles. Mine is fairly easy; the other one seems to be quite difficult. Both will have a single prize available, for the most entertaining correct answer. Due to the stunning response this week, though, we just can't afford to award a prize to every right answer, so in the interest of fairness, nobody gets one. Sorry. (Oh, and no, we did not collaborate. Clue just happened to be on everyone's mind Monday, I guess!)

For the record, though, correct submissions were entered by the aforementioned Pineapple Prophet, ITAWTITAAPUDDY-TAT, Lerxst, the Lizard King, L. Qiao, Cielo, Mouse #2, Henry, Pieter Caught-In-Tail, the Master of the Den of Sin, Mathie, Robert Asprin Fan Club, Bamm-Bamm, and the CRO. No-so-correct solutions were submitted by Demon Slayer, Opus, Aaron, Matthew, Captain π card, Blocklist, and someone who was too shy to sign a name.

We tire of this. Time for a puzzle.

It was a Tuesday, and the animals were all a-twitter. "Whither shall we go?" they cried. "Whatever are we to do?" The animals, you see, were bored.

"Hoo," warbled the peahen. "Chitter, chitter," mumbled the cockroaches. "Yiminy," yelped the Engineers. And then an idea dawned upon the scallop. "Let's play Clue," it said. And the other animals agreed that this was a very good idea.

As it turned out, they played five games. However, when the time came to give out prizes, none of the animals could remember what the outcome had been in any of them. Fortunately, although their memories were selective, together the animals had enough data to determine what the outcomes had been. The bad part is, none could fit the pieces together. Here's what they had.

1. The bunny rabbit remembered every detail of the last game (almost), but would only admit that a revolver had been the murder weapon.
2. The candlestick had been used for the murder in the dining room, but neither Colonel Mustard nor Miss Scarlett had done it.
3. Neither the library nor the Conservatory had been the scene of the crime in the first, third, or fifth games.
4. The knife had been used in the ballroom — but nobody could remember whether Mr. Green had been wielding it.
5. The Tasmanian Devil could remember that Mrs. Peacock and Miss Scarlett had been the culprits in the second and third games, but not which had been when. She did remember that one of those murders had been committed in the library, though.
6. The plum-worm, of a type previously unknown to science, easily remarked that Professor Plum had been the murderer in the fourth game.
7. The lead pipe did not figure in any of the first three games.
8. "Had rope been used in the kitchen?" wondered the tick. No answer was forthcoming.

9. The badger ended off, recalling that Colonel Mustard had been the villain in the first game. "Pretty much a necessity," as she put it.

Who, Me?

Snow Yellow and the Seven Other Dwarves

Once upon a time, in a magical forest, there lived seven dwarves. Their lives were good, thanks mostly to the regular visits by Snow White, but also because their mining business was successful, and because they lived far away from their evil brothers, the seven Other Dwarves. Little did they know, their evil twin brothers had concocted a nefarious plan (after a rousing game of Clue) to murder the seven dwarves and take over the business. No longer would they settle for visits from Snow Yellow, Snow White's little-known sister. Everything would be theirs!

The plan nearly succeeded, with only one good dwarf surviving the massacre. This dwarf went to the police, but unless they can put together all the events of that fateful night, the evil dwarves will go free!

Can you solve the murders (who killed whom, with what weapon, and where), and match each good dwarf to his evil twin brother?

1. No dwarf murdered his twin brother, and no dwarf killed a dwarf whose name starts with the same first letter.
2. The revolver and rope were found in the dining room, but Smarmy's brother was found there with his skull crushed. The murder weapon, obviously, was gone.
3. Sleepy's body lay in the kitchen. His twin brother, upon seeing him, returned to the conservatory and played a mournful tune on the piano. Nearby lay Drippy's brother.
4. Sneaky committed his murder, and then changed the location of three murder weapons. He left two others where they'd been dropped at the murder sites, but the one he had used was found on him later.
5. Happy, with a mortal gunshot wound, gasped these dying words: "Don't arrest Bashful's twin brother, get Grumpy's brother Smelly. I saw him with the candlestick..." He then died where he lay in the bedroom.
6. Gimpy's knee brace was found near the fridge, where a struggle had occurred. There were bruises found on the victim's neck, but the murder weapon was gone.
7. The lead pipe and the wrench lay in the hallway. Apparently Doc's brother had murdered Sneaky's brother with one of these weapons. Smarmy's fingerprints were on the lead pipe, and Sneezy's blood was found on the wrench.
8. Hairy's brother Bashful was found in the library. "Dopey's brother did it," he muttered before he died.
9. Hal, upon questioning, admitted the following: Someone else used a knife, his brother wasn't Sleepy, the candlestick was left in the dining room, Sneezy's brother was Drippy, and Sneaky was a killer, but would never use a blunt instrument.

The Pineapple Prophet

mathNEWSquiz # 2

Greetings, my excellent squizzers! Welcome to the second episode of ... you know. Any how, let's recap the answers and scores from last round! In order: 1- Sarah McLachlan - Vox; 2- Aerosmith - Janie's Got A Gun; 3- Nirvana - Smells Like Teen Spirit; 4- Rolling Stones - Mother's Little Helper; 5- Princess Bride; 6- Star Trek VI; 7- Peter Pan; 8- The Wiz; 9- Lumberjack Song - Hollywood Bowl or And Now For Something Completely Different; 10- Flying Circus - Blood, Devastation, Death, War, and Horror; 11- Holy Hand Grenade - Holy Grail; 12- Mr. Cressote - Meaning of Life; 13- Bobbi Harlow; 14- Lola Granola; 15- Diane Sawyer; 16- Regenerated from a piece of his tongue; 17- Mount Everest; 18- Mount McKinley; 19- Mount Aconcagua; 20- Vinson Massif; 21- Fritz Leiber; 22- Dana Demoness; 23- Fenris Wolf; 24- Skeeve (sorry about the misspelling of the author's name).

There were countless submissions of answers to last issue's quiz; however, we can only have one winner. And the winner is ... Robert Asprin Fan Club, with a score of 20. You can pick up your prize in the MathSoc office. Now for this issue's quiz:

Games

1. In what game would you find the "Beaver Rule?"
2. Name "The Sport Of Kings."
3. What city is used for the streets in the U.S. version of Monopoly?
4. What sport uses a shuttlecock?

Astronomy

1. Who discovered Uranus?
2. Which planet has the least average density?
3. What is significant about the location of the Trojan asteroids?
4. What is the area outside our solar system that most comets are said to come from?

History

1. Guy Fawkes is famous for nearly doing what?
2. Robert Burns is a Scottish hero. What did he do?
3. How many prisoners were rescued from the Bastille?
4. What was Paul Revere's occupation?

Beatles

1. Name the four Beatles (Real names only!)
2. Name the fifth Beatle.
3. In Liverpool, what is "Strawberry Fields?"
4. Name the classical piece in "Golden Slumbers" played backwards.

The Bible

1. What is the Pentateuch?
2. What did Judas get for betraying Jesus?

3. What happened to Lot's wife?
4. What was Paul's name before he changed it to Paul?

Comedy Music

1. Who crooned the ballad "Poisoning Pigeons In The Park?"
2. Name the main artist in the album "You Are What You Is?"
3. What is the name of the band who introduced "Star Trekkin'" to the world?
4. Name the singer of "Purple People Eater."

major
Harry Organs
The Quixotic Jedi (aka the other brother Daryl)



GridComments Right-minded Intermediate Destructiveness!?!

Campus, Owl, Midnights, Midterms, Exams, Nights, Tests, Study!!!!

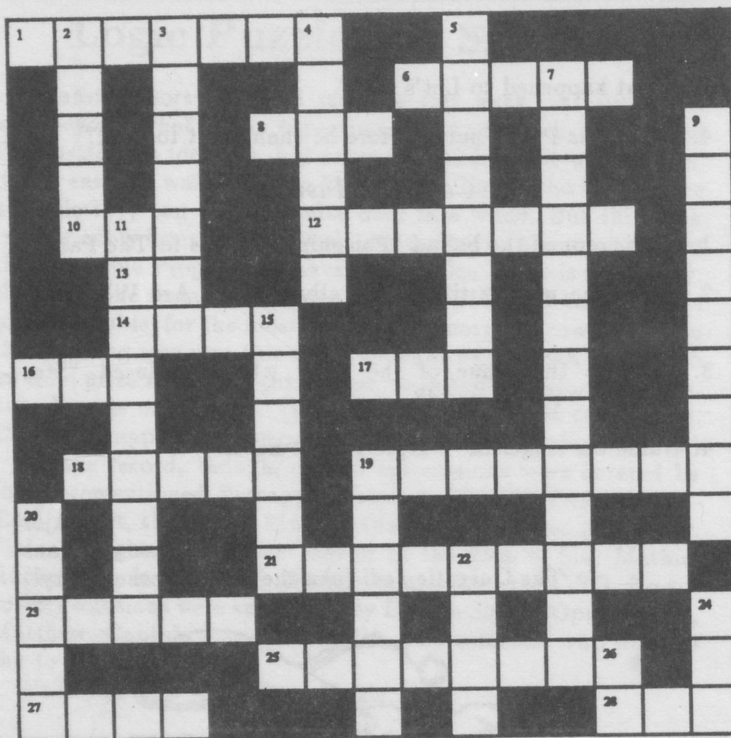
There seems to have been no challenge for this week's grid people. Of the nine solutions submitted in response to last issue's gridword, seven were correct. As you well know, last issue had only a cryptic solution. Correct grids came from Public Enemy Makes Me Puke, The Party Hamster & Muffy, The Mock Chickenloafs, Ogre, Nebula, Pineapple Prophet, and Makivellia Maks. Incorrect or incomplete grids came from Newton and Nameless Grad StudentTM.

The clever nine's favourite Fake Astrological Signs are: "Hepatitis (A Greek God)", "Leukemia", "Hermaphrodite", "Sin (taurus)", "Budweiser The Furry Mammal", "Mr. Bones", "Capricot", "Burning Hand", and "Turtle".

Comments: A lot of pun. The Pope goes around in his Pope-mobileTM with bulletproof glass... you notice Jesus never went around with nailproof gloves on, though. Nirvana rules!!! Please, please, please don't tickle my knees! Yesterday I lost a button hole. "I see nahthing!!!" $\sin\left(\int_0^\pi (\sqrt{x})^{\frac{1}{2}}\right)$.

Because of the great number of correct submissions, a very private (and legal) lottery was held in honour of those who correctly solved the grid. The lottery decided which of our brilliant gridders would receive prizes. The winner is (drum roll, please) ... **Public Enemy Makes Me Puke!** Your prize awaits you in the MathSoc Office.

Harry Organs



Cryptic

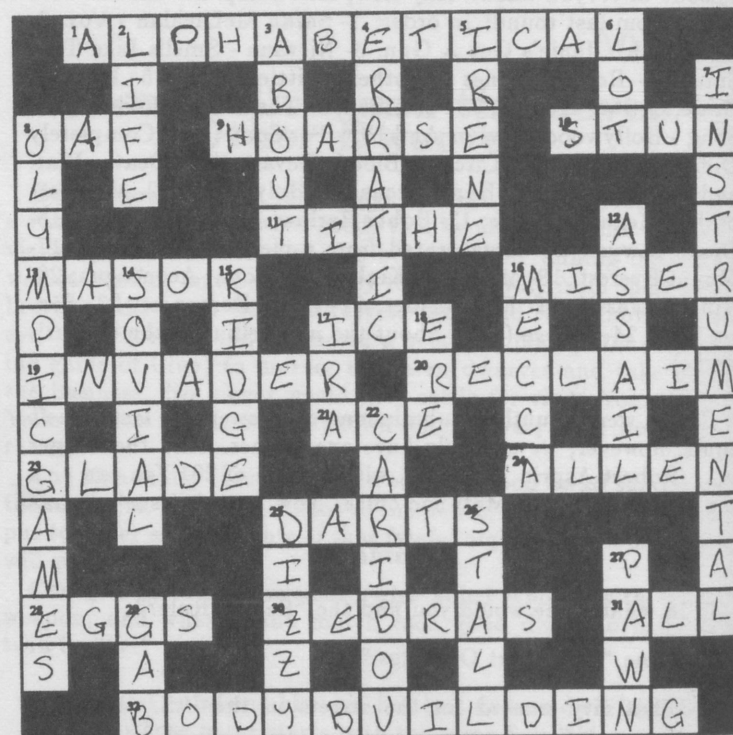
Across

1. A hoodlum as king was hiding (7)
6. The old nag winged her husband (5)
8. Sickness begins with alcohol (3)
10. F— it written closely (3)
12. 25 left holding the bag (7)
13. On the negative side (2)
14. The one and (4)
16. There is no music in these weights (3)
17. ABCDEFGHIJKLMNOPQRSTUVWXYZ? (3)
18. Mistress, I'm Adam (5)
19. The lashings were done to the music (8)
21. Not everything covers essential social standards and **real** yearnings (9)
23. Stooze begins coffee dance (5)
25. The aged alcohol was sold (8)
27. He put his knee on the light (4)
28. A poem ends rule (3)

Down

2. A confused fool is parted from his money (5)
3. The nobleman's grave weighed 2000 lbs (7)
4. There's plenty of fun in a gal or evening (6)
5. Eight apes try hanging around (8)
7. He wasn't against a delay in using the crude aluminum bit (13)
9. It too, too close to stop (9)
11. The nonliving were in the gardening magazine (9)
15. Hey. Farmer man (6)
19. He changed before he arrived (6)
20. It's a mixed up world, bien sur (5)
22. Beginning status doesn't move (4)
24. Let the colour fade (3)
26. Perform the beginning of a poem backwards (2)

GRIDWORD



NAME: _____

COMMENT: _____

FAVOURITE SUPERLATIVE: _____

Conventional

Across

1. Non professional
6. A set
8. Animal house
10. Winter sport
12. Basin for cleaning
13. What _ ?
14. Ancient string instrument
16. $8^{1/3}$
17. Prohibit
18. Gotta have it!
19. ABC
21. Necessary
23. Peel
25. Confessed
27. Simple
28. F- _____

Down

2. Less
3. Scare
4. Many diamond shapes
5. Frosh
7. Stress you opinion
9. To state precisely
11. 0.6 miles
15. Klingon
19. Take for granted
20. To flow forth
22. Short letter
24. Clod
26. Perform