▶地下鉄路線図

凡例：

地下鉄線	銀座線	都営浅草線
相互乗換線	丸ノ内線	都営三田線
乗換駅	千代田線	都営新宿線
国鉄線	有楽町線	
私鉄線	半蔵門線	
	日比谷線	
	東西線	

LookAhead

Cinema Gratis	
Feb 18	2001 - A Space Odyssey & 2010
Feb 25	Brainstorm & Mr. Frog Went-a-courting
Mar 4	Tenant & 23 Skidoo
Mar 11	Das Boot & 11 Steps to Survival
Fed Flicks	
Feb 13-15	Running Scared
Feb 20-22	Armed & Dangerous
Feb 27-Mar 1	Cobra
UW Arts Centre	
Feb 16-18	Life After Hockey
Feb 19	Romeo And Juliet (Int'l Film Series)
Feb 23	Ballet Sovietski - From Russia with Love
Feb 27	Anonymus
DCS Courses	
Feb 16,18	Intro. to SYSTAT
Feb 23,25	Advanced DOS
Feb 23,24,26	Intro. to GKS
Mar 2,4,5	UNIX Part I
Mar 3,4,5	CMS Part I
Mar 10,11,12	CMS Part II
Mar 10,11,12	Intro to SAS
Mar 16,17,18	UNIX Part II
Mar 17,18,20	Intro to GML
MathSoc	
Feb 20	Roadtrip tp Lulu's
Mar 7	Pyjama Party in SCH
Math Faculty	
Feb 16-	Co-op Employment Interviews
- Mar 6	(Get those suits cleaned!)
Mar 2-6	Preregistration - Fall '87
April 1	Last Day of Lectures (Fittingly enough)
mathNEWS	
Feb 23	Issue #4 submission deadline
Feb 23	Production night Issue #4
Feb 24	dan schnabel's birthday
Feb 27	**mathNEWS** #4 hits the fan

Prezz Sezz

After last week's Prez Sezz fiasco I wasn't sure I would be allowed to, I mean wanted to write another article. Let's just say my column was creatively edited a little too creatively (in places!) by the Creative Editing Department. On to bigger and better things.

If anyone is interested in the quality of student life or quality of education, they should talk to Wilma van der Veen (MathSoc's representative on the committee) or to the brand-newly elected Fed Prez. (The lucky guy!)

Hopefully, everyone has adjusted to the new and improved C&D food. A poor adjustment probably will lead to higher prices. Watch for weekly specials to help you through those mid-term blahs.

A big thanks to all you mathie Blood Donor Types who helped make the first blood donor clinic of '87 a huge success. An extra big thanks to Pat Szwyrlo for all her organizing efforts.

Have fun all you Quebec Winter Carnival types. Bonne Chance Quebec. With a busload of mathies loose for a weekend, who knows what might happen! (?!)

Good luck to everyone on their midterms (ooouch!) Happy Valentines! Spread a little love in every direction! This time of the year, we can all use a little extra support.

With a *little* help from some friends
Dave

P.S. My girlfriend's name is Cynthia

Ultraclassifieds

Wanted: any prof who gives pre-punched handouts. For sacrificing to, and generally worshipping.

Vote Chester for 1C class rep.

Fermat's Last Theorem is trivial once one realizes that Pythagoras was an Egyptian - Chester.

Doctor Supremum says: sup { # of 10m diving boards in Toronto, # of red-dot squash balls } = $\varnothing$.

Ex-dearest Cracker, I think that my feelings are best summed up by the lyrics from Carnation by The Jam:

Jam on Cracker
If you gave me a rose for a Valentine
I would only crush its tender petals.
With me you'll have no escape
While at the same time there'll be nowhere to settle.
I trample down all life in my wake,
I eat it up and take the cake,
I just avert my eyes to the pain,
Of someone's loss helping my gain.

If you gave me a dream for my pocket
You'd be plugging in the wrong socket.
With me there's no room for the future
With me there's no room with a view at all.
I'm out of season all year 'round,
Hear machinery roar to my empty sound,
Touch my heart and feel winter,
Hold my hand and be doomed forever.

Ex-dearest devil-worshipping wombat farmer from Mars: go snog yourself with a tire iron. Love Cracker.

Monkeys: Mr. Dobolina, Mr. Bob Dobalina. China keppa calling altomeda. Never mind the furthermore, my plea is self-defense. Zilch.

Mandatory Computers?

Could it happen to you?

The Department of Mechanical Engineering recently decided to impose a new sort of Computer Fees on its incoming first year class. Unlike the previous one, this one has nothing to do with access to the University's computing facilities. Instead, the students will buy their own micros. This purchase is not (for legal reasons) "required", but only "strongly recommended" by the Department. Those students who do not own their own computers will be at a major disadvantage academically.

Before you say "That's in MechEng. Why should I worry about it?", I should point out that the Department of Civil Engineering is considering requiring the same purchase from their second year students. The University has set up a number of committees to develop a uniform policy on the topic, and Mathematics is probably going to be the next faculty to get "strong recommendations".

Since the University's committees have not produced any recommendations yet (and it is likely, based on past experience, that such recommendations would be ignored, anyway), the Computer Science Club is sponsoring a Computing Accessibility Group to study the issue.

We are interested in hearing from *you*. Do you want to be required to buy computers for your education? What would you require of a computer, if you did buy one? To what extent should the University support them?

You do not have to be in the CSC to reply. You don't even have to know much about computers. We want opinions from everybody. Feel free to drop into the CSC office (MC 3037) or send mail to csc@watmath with your opinion.

If you are interested in joining the Computing Accessibility Group, drop in and tell us, or leave a message for Ted. You do not have to belong to the CSC to be a member of the group.

Cary Timar

Orientation 1987

How does this sound? One week of attending and running frosh week activities, being idolized by flocks of innocent frosh, and just having a great time. That's right, we want you to re-live that best week of your university career by making the 1987 math orientation week the best one ever.

All math students that will be on campus for the fall 1987 school term and would like to help organize this year's frosh week, please attend a brief (20 minute) meeting on Monday, February 16 at 5:30 in MC 1050 to sign up. If you are unable to attend, please sign up in the MathSoc office in MC 3038. And remember, it will be just as much fun for us as it will be for the frosh.

Orientation Committee, 1987

A St. Valentine's Message from Doug Wright

This time of year is traditionally a difficult time for engineering students in all faculties, and therefore I would like to express my personal support and understanding of your concerns, which, as a fellow engineer in close contact with all of the six thousand students at this university, know only too well to be the excessive amounts of snow we've been getting lately and the fact engineering students in the Arts faculty are spending reading week in Florida because the $400 per term engineering tuition fee, being the lowest in the province has made possible the vast accumulations of wealth as evidenced by the absence of sufficient parking space, another one of my key objectives as I aim to improve the quality of student life in this otherwise outstandingly extraordinary and extraordinarily outstanding university which we all call home for a few months before we go on exciting work terms around the province and around the world, spreading the good name of Waterloo and increasing my own personal prestige (thanks).

Happy Valentine's Day

Doug Wright
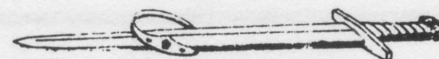
Sorry Joel...

(*...But Everybody's Fair Game*)

By the time you read this, the elections will be over and the fate of the Federation of Students will be sealed. You may have noticed one of the more notable campaign ideas was to give students academic credit for improving their campus. Offensive trend or not? We'll let you be the judge. But believe it or not, the idea was tried at another Canadian university, namely Mackenzie Bowell Memorial University in Medicine Hat, Alberta. A mathNEWS investigative team was sent to examine the effects of the project.

We spoke to Arthur Greenslade, a fourth year History major, who received credit for his Norman Conquest course by thoroughly cleaning all the windows in the Humanities building. "Great idea," said Greenslade. "A weekend's work saved me a term of studying." Equally pleased with the project was Bill Reeves, who graduated with a BComm this past May, thanks mostly to his sale of bagels and hot chocolate inside various classrooms. "I couldn't tell you a thing about managerial accounting," Reeves said. "But I sure know what kind of cream cheese people like." Calvin Hiseman reupholstered the couches in the student lounge and received his BSc in Chemistry. "It was either try to pass my nuclear fission course, or fix the couches. I think the choice was pretty easy," Hiseman reportedly said. Most notably, Darren "Boomer" Clempson became the first freshman in Bowell U. history to graduate after first year, when he detonated a 200-pound explosive that flattened the campus food service building. "Everybody hated the food, anyway," Boomer said from his cell in the Alberta Correctional Institute. "Face it, I was doing them a favour. I must have prevented hundreds of cases of ptomaine poisoning. But I got my degree now, and that's all that matters." Boomer plans to work for Proctor & Gamble once he is paroled. However, the project does have some setbacks. Evan Heckstall-Smith launched a complaint against the administration when he was denied credit for decorating the men's dorm with pornographic pictures and screening blue movies in the lounges. "Gee, I mean, the guys liked it, didn't they?" said Evan. He plans to resume his Engineering course in the fall.

So, can such an ideas work here at UW? It might be worth a try. So the next time you see a few shredded copies of the Imprint lying around on the ground, be sure to place them in the proper receptacles. It may save you the bother of trying to pass STAT 230 someday.

Everybody knows this is nowhere?

Feedbach

If mathies have to rank jobs they get interviews for with real integers from 1 to 10, why can't they rank jobs they didn't get interviews for with imaginary numbers i to 10i?

Ninja Mathie

Dearest Editor:

As the time draws near for the class of '87 to leave the nest, before the flock scatters and fades away, the back row would like to offer a suggestion. With the popularity of personal computers, it is likely that a significant portion of the class will have access to one either at home or work. So it would seem like a logical extension of this to set up a PC bulletin board for Waterloo Math Alumni. This would allow you to send and receive mail to your friends even if they are across the country. Entering year of graduation and location could also give you a list of friends currently living in your area (PARTY!).

With the low cost of PC clones, hard disks, etc, it should be possible to buy a system and dedicate it to the bulletin board for a reasonable yearly subscription rate. The idea has been submitted. Now we need a group to initiate it. Are you listening MathSoc? CSC?

Yours truly,
The Back Row

Dear mathNEWS ,

This letter is in response to your "Proof of the Week" in the January 30 edition. I believe that I have discovered the reason for this bizzare behaviour of numbers. In MATH 401 "Advanced Math for Artsies" we are encouraged to use alternate forms of mathematical reasoning to solve problems. Most mathies use the neo-classical form of logic which would make the proof seem contradictory, but using the post-modernistic approach this proof becomes totally logical. You see, in the post-modernistic approach, positive infinity is defined as negative infinity minus 1, and thus the sum of an infinite series plus infinity equals -1.

An alternate solution to this problem can be obtained by using the impressionistic approach. This involves multiplying both sides of the equation by zero, thus giving the equation 0=0, which proves the equation to be true.

I hope I have enlightened a few closed-minded mathies as to a few alternate techniques of solving equations.

THE ADVENTURES OF WATMAN

Last issue, we left our superdips in the clutches of disaster - yes, folks, that's right - FASS holds our idols captive.

"Oh, no. Duck! It's the Adman!"

"Sometimes, Watdude, I really don't know what I'd do without your astute observations. You must've taken a few science courses."

After a short struggle, Duck frees his right hand, and promptly changes the channel.

"Good work, Duck, but how did you free your hand?"

"Simple, Watdude. I slipped the Pillsbury Doughboy a Staypuff Marshmallow and he loosened the ropes while Adman turned his back."

While this conversation was going on, our stupid heroes failed to notice that they had tuned into WWF Wrestling. But then...

"Look, Watman! It's wrestling!"

"That's right, Duck. Hey, it's my favourite. It's, it's,.....Big John Dudd himself! And who is he wrestling, Duck?"

"Why, I think it's Adorable Adrian Adonis."

Suddenly, Dudd reaches out of the TV screen and pulls the Dynamic Duo into the ring and..

BIFF!

ZAP!

SCHPLUNK!

(Bodyslam?)

Oh no, it's Mean Gene Okerlund, and he's stealing the typewriter away from me.......Give me that, Gene!

"No! I want to narrate for a while!"

"OK, Gene. I'm getting bored of this job anyway....."

"Good evening, wrestling fans. Mean Gene Okerlund here at ringside. Looks like we are having an un-scheduled match here. Let's turn to the action now and see what's going on."

"Holy Shit, Watman!"

"Duck, watch your language!"

"Watman, watch your leg!"

"GWARRRGGGHHHHH!"

"Ladies and gentlemen, Big John Studd has just twisted Watman's leg into a double-knot!"

"Holy multiple fractures, Watman!"

"Cut out the stupid platitudes, Duck, and help me out!"

THUMP!

WHAP!

CRUNCH!

"Duck has just delivered a crushing blow to Big John Dudd's head! But wait...."

"Duck! Behind you! It's Adrian!"

"Holy questionable genders, Watman! He's got me in a headlock!"

"Hang on Duck....."

WHOMP!

"Big John Dudd has just hit Watman in the back of the head with a magnificent shot."

"Watman! I'm hurt! Is this the end?"

"Nonsense, Duck! We'll be back in the next issue of **mathNEWS**."

"Hear that Adrian? We'll be back next issue!"

"Say, Duck....you're kind of cute....."

"Watman??"

"Don't hold me to that last statement, Duck......"

Will our super slimy heroes escape this predicament? Will Watman free himself from the evil clutches of Big John Dudd? Will Duck and Adrian find eternal happiness? Will they survive for Wrestlemania III to take on George the Animal Steele and Harley Race in a steel cage matchup? This is Gene Okerlund asking you to tune in next week, same wat-time, same wat-channel!

Na-na-na-na na-na-na-na na-na-na-na na-na-na-na ... WATMAN!

The Mystery of V.D.

(Valentine's Day)

Have you noticed that today is Friday the 13th and tomorrow is Valentine's Day? Well if you haven't, isn't that just precious. Now who could be behind this ... perhaps ... SATAN! And what has Liberace's death have to do with this? Could it be that there is a move to deprive the earth of Valentine's Day music ... by ... perhaps ... SATAN! I leave the decision up to you about who is behind this, but remember - don't be influenced by ... SATAN! in your decision.

Until next time, let's all be precious, and not influenced by ... SATAN!

Prof Quotes

"This is not true in general this morning and it won't be true in general this afternoon either."

G Bennet, STAT 230

"Archimedes' Principle is presumably the one he discovered in the bathtub ... <class laughs> ... Well, that's where I do all *my* experimenting."

B. Marshman, AM 260

"I feel like Liz Taylor's last husband. I know what to do but I don't know how to make it interesting."

Wentzell, Math 130b

"Ever wonder how to measure the inner radius of a donut? You whip out your handy-dandy six inch."

Beaumont, Math 130b

"Well, how does a cat land on its feet when it falls out the window? Try it. Have you got a cat?"

S. Lipshitz, AM 260

"I teach CS 240 just before this. Teaching CS 240 is painful; you have to pretend that PASCAL is sensible."

G. Cormack, CS 487

"I get to this point and I recognize ... that I don't recognize anything."

B. Henry, Phys 122

"Suppose I got this recurrence equation from somewhere ... say I found it in the supermarket ... someone left it in with the fish ... I was bored stiff and I didn't like fish anyway, so I decided to solve it..."

Dr. Jackson, C&O 230

A Cynic's World

I have noticed recently among my fellow mathies a certain depression, a feeling of impending doom. This is probably due to the fact that the time of midterms/interviews is nigh. This has fostered a flurry of cynical comments from just about everyone. However, I have noticed some inconsistencies among these comments, as if they were not wholly cynical. As a result, I have taken it upon myself to educate you all in the true cynical philosophy.

So what does a cynic believe in? One of the basic tenets of cynicism is a mistrust of motives (there ain't no such thing as altruism). As well, a cynic doesn't fully trust the average person/government/organization ("The cheque is in the mail" or "I'm from DEC and I'll repair your VAX". Right!!).

Grendel

To further clarify the philosophy of cynicism, here are some cynical views on various topics:

"Human life ... is only theatre, and mostly cheap melodrama at that."
Malcolm Muggeridge

"... the life of man [is] solitary, poor, nasty, brutish and short."
Thomas Hobbes

"Don't look forward to the day when you stop suffering. Because when it comes you'll know that you're dead."
Tennessee Williams

"People will swim through shit if you put a few bob in it."
Peter Sellers

"Serious sport has nothing to do with fair play. It is bound up with hatred, jealousy, boastfulness, disregard of all rules and sadistic pleasure in witnessing violence: in other words, it is war minus the shooting."
George Orwell

"A casual stroll through a lunatic asylum shows that faith does not prove anything."
Friedrich Wilhelm Nietzsche

"Being a woman is of special interest only to aspiring male transsexuals. To actual women it is merely a good excuse not to play football."
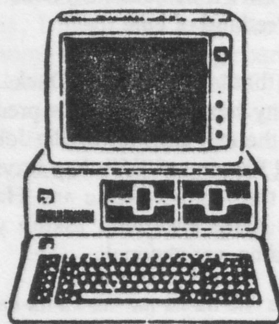Fran Lebowitz

"Alcohol is like love: the first kiss is magic, the second is intimate, the third is routine. After that you just take the girl's clothes off."
Raymond Chandler

"Love is the answer, but while you are waiting for the answer, sex raises some pretty good questions."
Woody Allen

NOTICE
YOU MAY JOIN THE FRENCH FOREIGN LEGION TO FORGET:
● KIN FROSH
● FINANCIAL PROBLEMS
● CO-OP TERMS
YOU MAY **NOT** JOIN TO FORGET:
● VILLAGE FOOD
● FED HALL MUSIC
● MATH 234B

Feedbach

Dear mathNEWS !

I have finally discovered why it costs so much to go to this university!

In your article last week entitled "T minus 44 and counting" you indicated that there are 22 professors for each student enrolled at Waterloo, compared to 7 professors per student at other universities.

Thank you ever so much for exposing this amazing fact that the university has been hiding from us all!!

> A Devoted Mathie
> 2A Math/Bus. Admin (Info Sys)

P.S. I would expect better from MATHIES!!

Dear mathNEWS

Congratulations on breaking what could be the biggest story of the term! In **Sauron**'s article "*T minus 44 ...*", we were told that UW's "ratio of professors to students" is 22:1. This means that the Math faculty should have 72,600 profs. That's more than the entire population of the city of Waterloo! Where are they?

I sense a conspiracy. Why does UW have so many more profs than students, and yet keep those profs hidden? Has anyone seen these people? What do they do all day?

My own theory is that some of these profs were assigned offices on the 6th floor of MC, and not given directions. Many were never seen again. The administration, realizing that these profs were lost, hired replacements. In the 30 year history of UW, these losses have accumulated to their present levels. It is obvious that the administration would want suc losses to be kept quiet, as prospective profs would be scared away.

This situation must be fully explored, and I'm sure that math-NEWS will find all the answers.

> S.D. Mau

Oops. Well, having inadvertantly uncovered a potential scandal, I moved immediately to investigate (Oh, the embarrassment.) Here is the first of a two part expose ...

The Quest

The sixth floor seemed to be the place to start. I sensed there was more to this than sheer vertical vertigo. Merely a noxious navigational nightmare? No! What goes on up there, and could it hide 72,600 profs?

I decided to investigate. Grabbing a spare watutility belt from one of our more popular features, I ascended to the sixth floor. The cheerfully lit halls outside of the elevators belied the foreboding I felt inside. I could sense the spectres of a thousand discarded variables haunting me. Suddenly I heard voices, and ran nimbly around a corner to hide. No sooner had I done so than an awful vertigo gripped me, and I staggerred. When my vision cleared, the awful truth hit me - I was lost. "Don't Panic" I thought, and reached for the Watorientation Film in the Watbelt. Instead, I found a container labelled "Watsnew", containing only the mysterious phrase "Not much." I leaned back against the door in shock, and dislodged a dust-encrusted Post-it. Clearing the grime away, I read "Back in 5." Aha! A Prof Note! I was on the track! But how to proceed? I stared thoughtfully at the tacky Watlogo on my Watbelt, and suddenly I had the answer. The Watsensor! I whipped it out, and set the device to home in on plaid polyester. Instantly, the direction finders lit up. Onward!

The further I went, the darker the halls became. From ominous corners, a ghastly voice seemed to cry mournfully "I assume that you have at least some familiarity with the positive integers..." But I pressed on, and soon came to a broad hall. Highlighted on the floor in the better light I saw aquamarine and turquoise rayon threads. Success!

Then I heard profs in the distance. Desparately I ran down the hallway, but I bumped against a blank pink wall. Staggerred, I fell against a stack of briefcases piled to one side, and lost consciousness.

I came to hearing the sound of the watsensor melting from overload. I glanced up and saw two professors standing at the wall. They touched it with their chalkholders, and the wave of vertigo lashed out again. When my vision cleared, they were gone.

In a sudden wave of intuitive understanding, I had part of the answer. This was a dimensional teleport, the same device used by Keenergeeks to pack all their books into a single briefcase! The stack I had bumped must power the teleport. But where was the focal point? Triangulating quickly, and performing a triple integral in polar co-ordinates, I knew. The fifth floor!

I raced down the hallway, and was disgorged in the math undergrad office. Hot on the trail, I barely noticed that I had descended a floor. I looked out ahead of me. Yes, there it was, a huge four-dimensional funnel, a multicoloured spatial distorter.

It all came together! The sixth floor was some sort of tesseract, a huge area many times its apparent size. Plenty of room for 72,600 profs and their grad students! If the sixth floor was in fact in fourspace, much might be explained. Time might pass differently there. That would explain how some profs can go for weeks without changing clothes, and why they always expect total recall of a lecture as if it was only a few minutes ago. For them, only an hour or two has passed! Yes! It fit! No wonder grad students always appear to be bewildered as to the time, the date, and even what season it is - they haven't figured out how to navigate in the time field yet.

Could that explain why profs have no conception of how long it will take to write a midterm? Not completely but ... did I really do a triple integral in my head earlier? I did! The sixth floor tesseract must also enhance mathematical ability! No wonder profs can do 8 x 8 matrix inversions in the office, but can't add two fractions in class.

I had to verify this theory. Bravely, I gathered my six overdue assignments under my arms, and stepped into the fifth floor courtyard. The vertigo gripped me, and I was gone.

Next week, ... what do 72,600 profs actually do all day??

> Sauron

Friday the 13th is for ...

Chainsaw Tag. See what everyone was screaming about last term. S.N.O.T. is holding its second chainsaw tag tournament this evening on the village green (white now, what colour will it be next?)

You'll have a ripping good time. The rules are simple. They are as follows:
1) B.Y.O.C.O. (Bring Your Own Chainsaw Oil)
2) First person there is 'it' first.
3) No protective clothing of any sort is allowed.
4) Only one Mathie is allowed to play, but he/she must be the first person to show up. (Otherwise it would be a waste.)
5) If a person after being tagged cannot, for any reason, take his/her turn at being 'it', then the last person that was 'it' is 'it' again.
6) The 'engineer' rule - if a person tags an engineer, be he civil or otherwise, that person will have the option of remaining 'it' for the next five turns.
7) The game cannot start unless there is at least one mathie in the game (see rule #4).

So come on out and join in the fun. Spectators are welcome, but if they are mistaken for contestants then S.N.O.T. will not take any responsibility for their well-being. Note: chainsaw will be supplied.

See ya there.

E.S. is for Lovers

(Part lll in a Discrete Series)

For our faculty review this issue we have decided to follow Gina Bonnet to all of her classes for an entire day. Gina, or G.B. as her friends call her, is in 1B CO-OP Environmental Studies. She is a very active environmentalist, in fact she is a card-carrying member of Greenpeace. Let's see just what comprises a typical day in Gina's life.

10:30 AM - Woke up, got out of bed, dragged a comb across my head. Shit missed my 9:30 class, haven't been to a 9:30 yet this term.

11:00 AM - Jumped in the shower. Strange, I never noticed pictures in mathNEWS before. When I agreed to let them follow me around I didn't think it would be quite like this.

11:20 AM - Decided to eat breakfast, ran out of Organic Alfalfa Krispies, I'll have to put that on my shopping list. Well I stole Polly's bird seed, good health food, boy did she start squawking.

12:00 (I never know if that's AM or PM, so I'll leave it to your imagination.) - Attended a No-Nuke rally at the C.C. Got arrested for chaining myself to the Imprint office (funny, those guys from mathNEWS wouldn't go near the place).

1:30 PM - Was released and went to my URP-102 class. This has been getting really hard lately. I am thinking of transferring to the science faculty. I hear they give out degrees to any idiot.

2:20 PM - Spent twenty minutes in deep depression, contemplating the possibility of extinction of the rare Netherlands Black Toadstool.

2:40 PM - Showed up late for my Env.S.183 mid-term and went to a lecture by renowned environmentalist Keith Zanderhoven on the fate of the Oregon Tree Moss.

3:30 PM - Met up with a friend I met on a recent stint aboard the "Rainbow Warrior". Enjoyed a meal of sprouts and goat's milk.

4:15 PM - Went home and watched television. My roommate is in math and she spends all her evenings doing work. Gee, I wonder why they do that....

Other comments of the week: 'Weird but strange', 'Bobber ate his Mommy', 'He-he-he', 'Now *that* was fun', 'piece of pi', 'If LOCI is here, can BELE be far behind?' (Let that be Your Last Battlefield (Star Trek)), 'I did enough comments for one degree. It's time for the next generation to take over!', 'D.S. has the brains of a feather duster', 'This is more fun than licking the slime off a squid's eyeball', 'Ooops! I missed my class', 'Communist front for a tree shepherd', 'We wandered lonely as a cloud', 'What happened in Calculus on Friday?', 'A little easier this week, eh Frank?' (maybe, but you did get one wrong), 'I think you need some fresh input. How about asking readers for advice?' (that's what the comment space is for, so please use it!). 'Eight to the bar, Daddy-O', 'dan used to be in co-op' (wait, but look how he turned out).

Well, another GridWord is history. Keep those comments coming! and don't sleep with dead turtles.

fletniowski

CSC Flash!!!

The Computer Science Club wants you to know what's being done in Computing at Waterloo. The University has formed a committee with the intention of recommending a system where most students will be asked to buy a personal computer for assignments. (Not required, any more than textbooks are required. Just "strongly recommended".)

Mechanical engineering has already decided to recommend IBM PC's or compatibles (yes, 8088 versions) to their students. Electrical and civil engineering are about to decide. It's not yet too late to influence the Math faculty decisions. (But it may soon be.)

Although many of our members have strong views on the issue, (thus our concern), we've decided not to take a stand as a club until we find out what you, the students, think. Make your views known, stand up for your rights, and talk. Tell us (csc@watmath), or Imprint (imprint@watdcsu), or mathNEWS (mathnews@watdcsu) what you think about having to buy the computers, about what use you think you'll have for them, both during and after school, about what computers you'd LIKE to own, whatever. We apologise for any bias in this article, and wish to make it clear that opinions to the contrary are even more valuable to us than those which agree with us, and that constructive suggestions are more useful still.

You can talk to us personally (MC3037), by phone (x3870), by electronic mail, or by handing in the following form to the mathNEWS black box on the third floor MC. We'll keep you posted on new developments as we get them.

Calum /sjr

---- Yes, I'm in favor of student-owned computer
        systems, even on a stand-alone basis.

---- No, I'm not happy with the idea of students
        having to own computers.

---- It depends on how it's done. It should be
        done this way:

Comments:
_____
_____
_____
_____
_____

Good morning math-cadets. Aren't you glad that fed-elections are over? The mathNEWSquizmaster quite agrees, and is prompted to observe that the only life-forms that true cadets loath more than Romulans are Fed-types and Klingons . . . in that order. (At least the Klingons are sincere in their convictions.) Just thank your lucky nebulae that fed-elections come but once a year (not altogether unlike birthdays, Christmas examinations, flu-shots and certain repressed Civ-Eng-types), or we'd *never* get all that sticky-tape and trashy posterage off of the *W.S.S. Mathundergrad's* third floor decks. (Then again, the layered wads might yet prove to be a convenient source of "blatant-mathNEWS-filler" on slow production nights . . .) In any case, cancel apathy-alert, resume normal course attitude, and simply select from among the usual list of math-cadet in-class diversions: "Keener Bingo" (useless after 1B); "Prof Football" (the season's over!); "Bell-the-Frosh" (for active-types only); or (that close substitute to Statistics 333) . . . . .

mathNEWSquiz #15

1. Name the two rival street gangs in Leonard Bernstein's Broadway musical "West Side Story".
2. What plant, known formally as *mentha piperita*, is grown for its essential oil which is often used as sweatmeat or lozenge flavouring?
3. Which principle, named for a medieval English philosopher, states that the fewest possible assumptions are to be made when explaining a phenomenon?
4. Who portrayed "The Riddler" on the Batman television series?
5. Name "The Beatles" first number one hit single in America.
6. Responding to the inquiry of an eight year old girl in 1897, an editorial published in the New York "Sun" by Francis P. Church confirmed the existence of which folk-hero ". . . as certainly as love and generosity and devotion exist"?
7. If you found yourself "Unter den Linden", then in which world capital would you be?
8. Name the sixteen year old Toronto school-girl who became the first person to swim Lake Ontario on September 9, 1954?
9. The final scene of which dramatic work contains the following lines: "Now cracks a noble heart. Good night, sweet Prince,/ And flights of angels sing thee to thy rest."
10. What historical event occurred some ten miles south of Brussels, Belgium, on June 18, 1815?

Quiz solutions may be submitted on or before January 23, 1987, in the "Black Box" on the third floor outside the C + D Lounge. Consideration will be given to all solutions, and yet another skilled mathNEWSquizexpert will be announced along with the solutions to mathNEWSquiz #15, plus a brand new mathNEWSquiz, in the next issue of (your friend in 8.30h Calculus 230B sections) mathNEWS.

"If it's Friday, then this must be mathNEWS!" And that means solutions to mathNEWSquiz #14: Patrick McGoohan is "The Prisoner"; Sir Wm. Lyons founded "Jaguar"; James Fenimore "The Last of the Mohicans" Cooper; Ferdinand "Jelly-Roll" Morton; Great Bear Lake is the largest entirely within Canada's frontier; the nasty quote belongs to Gioacchino Antonio Rossini; brass is composed of Cu and Zn; the 1968 giant slalom Olympic gold medal went to Nancy Greene; "The Charge of the Light Brigade" (. . ."half a league, half a league, half a league onward". . . sounds rather like the W.H.A.) by Alfred Lord Tennyson; and Karl Böhm, Wilhelm Furtwängler, Otto Klemperer (Col. Klink's father, really!), Arturo Toscanini and Bruno Walter were great twentieth century orchestral conductors.

"Hearty congratulations" to our newest mathNEWSquizmaster Jim Barnett with a very good score of eight out of a possible ten on math-NEWSquiz #14. As usual you are entitled to receive an exciting prize and a personalized mathNEWSquizexpertcertificate which may be collected from the MathSoc office (MC 3038) during their hours. This weeks list of aspiring mathNEWSquizexperts inludes the likes of Lori Guenther & W. Jim Jordan (7), Colleen Evans & Jody Stocks (6), and in no particular order Mike Swan, Tink Urbell (and Peter Pun the mathNEWSquizmaster presumes), Dr. Daryl and the math-NEWSquizsubmitter (we're tracing the typewriter and stationary at this very moment). Fine effort ladies and gentlemen, and the best fortune to you and other future mathNEWSquizexperts on math-NEWSquiz #15. Tune in next issue for more mathNEWSquiz.

the mathNEWSquizmaster.

Postie the Mathie

(to the tune of Frosty the Snowman)

Postie the Mathie
Was a very drunken soul
With a curly top
And a button nose
And two eyes that tended to roll.

Postie the Mathie
Was a Party Animal
With a mug of beer
And a shot of schnapps
She was always at Fed Hall.

There must've been some magic
In that bottle on the ground
For after she had guzzled it
She was dancing all around.

Postie the Mathie
Never did learn how to sip
She's a lush today
As she was yesterday
Mickey ready at her hip.

BEWARE OF T.A.

AT LEAST UNTIL I'VE HAD MY mathNEWS.

GRIDWORD

Cryptic

Across

1. Doctrine of the pet parent (5)
4. Hip before an American city (7)
8. Royal bumbling inside the photo holder (5)
9. Caress the church service era (7)
10. Left out love, the thick glove, and the edition (7)
11. An addition out of backward skill (5)
12. Toy of a real businessman? (6)
14. Astute manner of sculpture (6)
18. Singe the pronoun-lacking diagram (5)
20. Current total record (7)
22. Sounds like winning against Nicholas but really a loser (7)
23. Closely examine the gold 'dah' companion (5)
24. Lure near the dissertation (7)
25. Abrupt way to steer (5)

Down

1. I exist over and inside doubly much treasure (7)
2. An angel may chatter above a Canadian revolutionist (7)
3. Acknowledge promotion of the note over time (5)
4. It's a sight to welcome dying with humour (7)
5. Softly split the bug to examine (7)
6. Separated a piece? (5)
7. The end is no millions (5)
13. The lady centred by half a score for better reception (7)
15. Storm the directionless below (7)
16. Give claim to a letter heading (7)
17. Foreign money of the alien at the trading-place (6)
18. The snake made corn and a sun god (5)
19. A sort of pad at change (5)
21. Sailing vessel skill? (5)

Conventional

Across

1. DELUGE
4. FLORA
8. KINGLY
9. CAN BE HELD
10. OVERPOWER
11. HERON
12. GLAD TIDING
14. CIRCULATION STOPPAGE
18. SIGN
20. MARRY
22. SPELL-BIND
23. MUSICAL COMPOSITION
24. DOWN-POUR
25. MINOR DISTURBANCE

Down

1. LENGTH
2. GODLY HOME
3. BURROW
4. OBJECT OF DEVOTION
5. CLEMENT
6. YELLOW
7. CHOOSE
13. CATCH
15. 'RETURN' SERVICE
16. MACE
17. CERTAIN GROUP
18. ACTIVE
19. CONTRACT
21. DEVOUT

Who ....
Favourite ST show ....
Comment ....
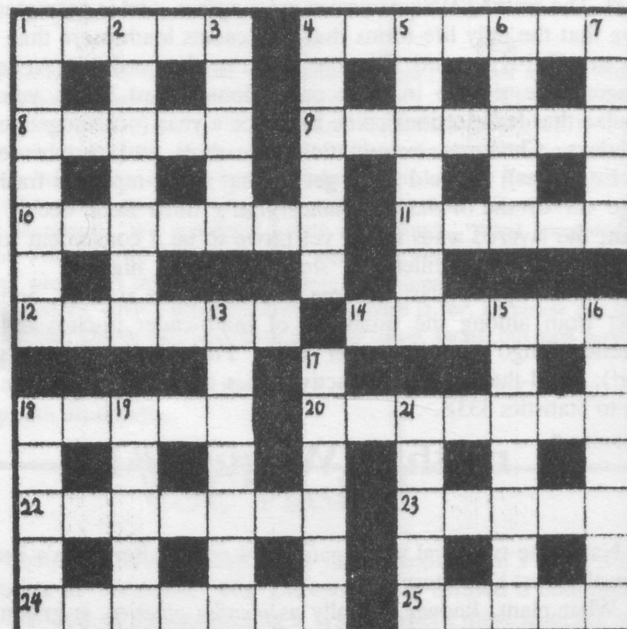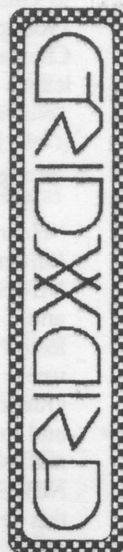
GridComments 5 7

Oh Boy (Girl?). You've really shown some promise this week. We received a total of 57 solutions (Isn't that neat, that's in the title, and most words in the grid are 5 or 7 letters long!). There were 32 cryptics (9 wrong) and 25 conventional (5 wrong). This issue's puzzles may be a little more tricky (or maybe not). Note from last issue's puzzles: 6d cryptic answer is 'lessor', and a possibility for 9a conventional is 'sifter'.

To submit a solution for this GridWord, fill-in your name in the space provided and deposit your grid via the **BLACK BOX** across from the third floor lounges. Solutions must be in before 19:00 on Monday February 23, 1987.

The random number generated winners of the week are: Randy Richard for cryptic and William McCuaig for conventional. Pick your prizes up at the MathSoc office MC3038. (now don't abuse the office workers, at least not physically)

Correct submitters: Manute Bol, Barb & Mary Anne, Russell Sprouts, James Riegert, Wade Boggs, M. Headroom, The Chuckler, 3B AM/CS (in AM391), Rob Pellegrino, C.J. Chambers, Jim Sankey, Alan & Mark & Ralph & Rosemary, Sven & Doc & Stu, MR/Timmy/Stevie-Wevie, Richard Schmidt, Cathy Barker (HI Cilly), J.M. Edmond & L. Hemming & D. Beaton, Lance Sibley, Conrad Black, Woödy Töbias, Sr (limited time umlaut offer), Karen Joyce & Mike Hess, Dani Roloson, James Cherry, Ann & Steve, Helen Cameron & Kath Stewart, Gary M, Jack Rehder & Caroline Kierstead, Elmo Bowen, Harry Palms (cute, real cute), Kevin & Cindy & Chris, Len Popp, Zen Punk, Mike Swann, W.Jim Jordan & Lori Guenther, Colleen Evans & Jody Stocks. Other known people in the universe: Sandra & Chris & Jeff & Steve & Mark (oh my), Pete & Helen, Ken Choi, M.C. Miker J. & D.G. Sven, bulletprüf (as per your desire), The black rabbit of Inle, John McIntosh, GRENDEL, Zamil Janmohamed, Herschel Slansky, Jack Cooper, Alison Burnham, Scott Hayward.

First Clue?: TOAD, The paperboy recognised Col. Mustard, 1a & 1d, The smell, you start going blind, 'it hurts when you pee' (don't look at me, I just type them in), there were clues?, virgin crossword players.