## Tగณณtใ <br> NEWS

Volume 45 Number 5

Friday, November 13, 1987

## HOMECOMING '87

## Proposed Friday the 13th titles

define $f(n)=$ Friday the 13th part $n$
$f(07)=$ Jason gets bad service at an ESSO station and cuts attendant in half.
$\mathrm{f}(08)=$ Jason goes to McDonalds
$\mathrm{f}(09)=$ Jason attacks the mailman
$\mathrm{f}(10)=$ Geraldo Rivera Presents: The Unmasking of Jason
$\mathrm{f}(11)=$ Jason Decapitates Geraldo Rivera
$\mathrm{f}(12)=$ Jason Meets Mr. Rogers
$\mathrm{f}(13)=$ Jason runs for Democratic President nomination
$\mathrm{f}(14)=$ Jason gets up on the wrong side of the bed
$f(15)=$ Jason takes on Billy Martin
$\mathrm{f}(16)=$ Jason hired as Yankee manager
$f(17)=$ Jason fired as Yankee manager
$\mathrm{f}(18)=$ Jason negotiates Free Trade
$\mathrm{f}(19)=$ Jason nominated for the Supreme Court
$\mathrm{f}(20)=$ Jason travels the world looking for the perfect woman, only to find love in a communist prison camp with a fire alarm bell.
("Rated two thumbs up!" -- Siskel \& Ebert)
$f(21)=$ Jason gets married
$f(22)=$ Jason gets a divorce
$\mathrm{f}(23)=$ Jason meets Dr. Ruth
$f(24)=$ Jason possesses Dr. Seuss
$\mathrm{f}(25)=$ Jason meets Frank Booth (Titans collide)
$\bullet$
$f(\infty)=$ Jason gets counselling
$f(\infty+1)=$ Jason mellows and opens a daycare center


## LookAhead

| Cinema Gratis |  |
| :--- | :--- |
| Nov 18 | 101 Dalmations <br> Bedknobs and Broomsticks <br> Whose Life Is It, Anyways ? <br> Nov 25 |
|  | The Bridge |

## Party Passtimes

Disclaimer: Once again this column is being written by a special mystery guest columnist. This time, however, Pat has threatened, er, instructed me to tell you to direct all favourable comments to her in the form of cold, hard, cash and to take your negative comments and stick, AAAAAAAHHHHHHhhhhhhhh!!!!!!!!! $\qquad$ (splat)
Hey folks, how'd you do on your midterms? Okay, sorry. First of all, sorry 'bout the Star Wars thing. Honest though, it wasn't really anybody's fault (although Fed Hall makes an impeccable scapegoat). I won't make any predictions about the Rocky Horror Picture Show but as of writing time it looks like a doozy.

As for the future, the Vanier Cup is coming up on Saturday November 21 and we've got tickets on the 55 yard line (that's the center of the field for all you NFLers). The game starts at 1 pm , busses leave from the loading docks at 10 am ánd will return at about 6 pm . If you aren't much of a football fan, you can do like Pat and just head downtown for some gratuitous Christmas shopping.

Even further in the future is the Quebec Winter Carnival, in Quebec no less. This year the festivities are being held on February 12, 13 , and 14. For a mere $\$ 175$, you can stay for 3 glorious days in L'Hotel Du Vieux (with a fashionable restaurant called, "EATS") in the heart of Old Quebec City. Busses are included in the price and a skiing package is available. It's just like O.K.-to-barf-fest in the winter except with crazy French people instead of crazy German people.

Well Pat the Leather Queen, er Social Director says that's all for this week. For all the other neat stuff that's going on, why not either check out the LookAhead or call Pat at her home, the number is (URGH! Gaack! Oomph! Please Pat, no more, I promise to be a good little boy, AAAAAAHHHHhhhhhhh!!!!!!!...)

John Thomas

## Prez Sez

Okay folks, here's the story for today. Our contract for the C \& D expires on April 30, 1988. In the contract, it stipulates that notice for re-negotiation must be given by either MathSoc or Food Services no less than six months prior to the expiry date of the contract. That makes notice mandatory by October 31, 1987, but that was a Saturday so the last day for notice was October 30 . Guess what I received in my mailbox on October 30, 1987? Bull's-eye! Food Services, through the Dean of Students (?) Ernie Lucy has requested re-negotiation of the contract.

In the short run, this means very little except that we will have to sit down with Food Services and hash out a new deal. As far as the long term implications, I can only guess. But I'm not going to speculate right now because I don't want to stir up a fire and start a battle unnecessarily. Until we know the position of Food Services, there's no sense in trying to outsmart or outguess them. MathSoc asks for your support on the issue and will keep you informed of all future developments on this issue.

On the lighter side, it's HOMECOMING and time for all of you closet basketball fans to wake up, dust yourselves off and head to the PAC starting tonight. A pep rally is planned outside the PAC at 6:00pm. MathSoc is supplying face paint outside the MC building at 5:30 so we can all march over and show our spirit, in voice and makeup, trying to outcheer the other faculties for the Homecoming trophy. The game will start at $8: 00 \mathrm{pm}$ for another fun-filled season of coach taunting, IMPRINT throwing and enemy cheerleader joke insulting. The fall term just ain't complete without the NAISMITH!

Dave Kirkness
The mathNEWS gremlins have taken the day off since, for once, Dave has something serious to say. Cherish the moment.


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Editors: Stuart L Hodgins \& Frank Letniowski

## Prof Quotes

Well here we go again, another look at the goofy side of our ever lovable profs. Let's see what they had to say this week...
*...You may have to explain this somehow to a visitor from outer space."

Cummings MATH234A
"I get all sorts of ideas in the shower."
Wainwright MATH140A
"When you watch little children around an elementary school, do not hide in the bushes!"

## Smith ECON101

"I'm starting to feel inhibited about what I say, having read last week's mathNEWS."

Smith ECON101
"Defensive programming...That's like defensive driving: You have to assume that the other guy has had at least as much to drink as you have."

Booth CS131
"Intuitively it makes sense, because it's intuitive."
Panjer AS433
"We may not get the right answer, but we get it fast."
Panjer AS433
"Next day we'll finish chapter six in London's Book, and after that we'll learn how to do it right."

Panjer AS433

## "Miy memory's good but it's very short."

Panjer AS433
"When I talk about withdrawal times, I'm not talking about birth con-
trol." trol."

Panjer AS433
"How did I get that? Because I'm not sure if that's true."
Panjer AS433
"Exposure is not something you do in a park, but Actuaries do it on
tables," tables."

Panjer AS433

## "I NEVER get quoted in mathNEWS."

Panjer AS433
"If I seem unusually happy, it's because I found a quarter on the way to the MC building today."

Davis MATH234A
"Unfortunately math does not consist of zero alone."
Tang MATH234A
"When all the engineers come out of here they say, 'Five years ago I
couldn't spell "engineer". Now I are one.'"
Lastman MATH130A
"How many of you have not heard of or can't remember if you've heard of determinants?...Oh. shit."

Nobes PHY121

## St. Jerome's Update

A few issues ago, we mentioned that MathSoc had discovered that St. Jerome's students do not pay MathSoc fees, and as such are not actually members of the Math Society. Since then, the powers that be have been working behind the scenes to resolve the issue to everyone's satisfaction. At the moment, a meeting is being set up between MathSoc, the Math faculty and representatives from St. Jerome's to work out a solution. Hopefully, some action will have been taken this week. At any rate, we'll get back to you next issue with a full report.

## C + D Changes?

As you will have read in the Prez Sez (you do read it, don't you?) MathSoc's contract for the C+D has come up for re-negotiation with the university (as have the $\mathrm{C}+\mathrm{D}$ contracts of the other student societies.) Exactly what parts of the contract might be re-negotiated is not known, but we hope to have a clearer idea next week. In the meantime, there are a few facts about our $\mathrm{C}+\mathrm{D}$ that you should know.

MathSoc's contract with the University to run the C+D ran for five years, from April 1983 through April 1988. During this time MathSoc has run the $\mathrm{C}+\mathrm{D}$ as it's independent food outlet, providing quality food to the student body at reasonable prices. Originally, the C + D was supplied by Food Services. In September 1986, market forces encouraged MathSoc to tender for suppliers, which led to the decision to use outside suppliers for the $\mathrm{C}+\mathrm{D}$ goods. Those outside suppliers are supplying the $\mathrm{C}+\mathrm{D}$ today.

The MathSoc C+D does not, in fact, sell food at cost. A slight profit is made on some food items, which goes into a $\mathrm{C}+\mathrm{D}$ surplus account. The money from this account is used by MathSoc to provide benefits to the students. So far, C+D money has been used to provide the carpet and comfy furniture in the carpeted lounge (1984 and '85), to buy the new furniture for the other C + D lounge (1986) and to create two new student bursaries, the Natural Log and Pink Tieg bursaries (1986). (The bursaries are availabie to B term students. Consult the new undergraduate calendar for details.) Ideas for use of the 1987 funds are still being considered, including increasing the bursaries, and ending loan obligations incurred for the $C+D$ renovations.

The notice received on October 30th, within the six month's notice the old contract specified for re-negotiation, may or may not represent a threat. Had notice not been given, the contract would have been renewed automatically for another five years. As it is, we will have to wait until MathSoc meets with University representatives to see what changes may be suggested. Stay tuned for developments!

Dr. Terrence Till

# STAR F TRUDGE 

## The Conscience of Methuselah

## (theme music)

Captain's In Watdate 871113.05: The Watprise has been ordered by administration to search for an optimal traversal of the sixth floor MC for the Green men. It seems the money saved will give the last few dollars needed to complete the Billding. As such we are under considerable time constraints.
"Shlock, analysis."
"It seems if you take an $\epsilon$-neighbourhood of a point and allow $\epsilon$ to approach zero, the ...."
"I mean, what can we do about our situation?"
"The logical thing to do would be to go see the closest expert in C \& O; I suggest the renowned Dr. Tutti."
"Ah, of course, I remember him-let's go-Mr. Yahu, plot course-warp PRONTO",
"Aye, aye sir"
Upon arriving at the office of the renowned Dr. Tutti, Jirk set up the landing party.
"Lt. McGuckies, inform Dr. McToy that he is to join Mr. Shlock, Mr. Gorbachev and me in the transporter room." With that Jirk popped out of his chair, and headed to the transporter room with Shlock and Gorbachev at his heels.

At the transporter room, McToy was waiting for them. He asked Jirk, "T.J. what's up?"
"We are heading to meet the C \& O expert, the renowned Dr. Tutti. Scotch, eigenise."

With that, the scenery shattered, replaced with the scene of a cluttered office occupied by a distinguished older gentleman and young blonde-haired, beautiful woman.

Jirk quickly and stiffly approached the older gentleman.
"The renowned Dr. Tutti, I presume. We have an emergency situation-can you provide us with an optimal traversal of the sixth floor?"
"But of course, dear Captain-I'll have my assistant here get on the problem immediately. Captain Jirk, I'd like to introduce Gayle Jirksdream. I'll leave you two alone to discuss the problem. Mr. Shlock, Mr. Gorbachev, Dr. McToy, come with me. I have some interesting new mathematics I think you'll find most intriguing."

Of course, as soon as he was left alone with a beautiful woman, Jirk fell in love. One thing led to another and then it happened-yes, they kissed.

Later on the ship, Jirk presented the final solution of the problem to Shlock for analysis. At that point, he went and pressed the ship's communication button, "Lt. Noname report to the transporter room to beam down to the planet, .... er .... office to complete details with Miss Jirksdream out."

## "Captain."

"What is it Shlock?"
"Captain, the solution we have is totally undecipherable. We don't have the encryption key."
"What's that renowned Dr. Tutti trying to do to us! Lt. Ukelele, contact the renowned Dr. Tutti and get that encryption key, NOW!"

Just then, Shlock interrupted, ${ }^{-O h}$ and Captain, I came across something fascinating in the renowned Dr. Tutti's office-a proof from Group Theory in Galois' original handwriting. It's a proof I've never seen before."
"Later, Shlock."
"But Captain, I'm aware of every proof in Group Theory, and on top of that, the ink was still wet."

Dr. McToy piped in, "And Captain, when I scanned the renowned Dr. Tuuti, it registered that he was thousands of years old. His assistant Gayle Jirksdream didn't register anything. I checked my cord-trier when we got on ship and it was working fine."
"I remember now, I was at an inquiry 5 years ago that suggested that the renowned Dr. Tutti was really Newton-Nothing came of it-i thought it was a joke.
"Computer ..... who else was at that inquiry"
"WORKING-DIT DIT DIT-5 PEOPLE. 4 OF WHOM ARE NOW MYSTERIously deceased. only other remaining person alive is lt. NONAME OF THE WUC WATPRISE."
"McToy, Shlock, double time to the transporter."
But they were too late. Lt. Noname lay slumped over a chair ("He's dead, T.J.") and Gayle Jirksdream stood over him holding a Watlaser and the encryption key.
"Ahhh, it looks like you've all figured it out. Yes, the renowned Dr. Tutti is Newton and Bernoulli and Galois. In fact he's the sole creator of almost all of mathematics starting from the Chinese and Greeks. He's immortal. But now I have to kill all of you so the angry math frosh don't find out."

With that, the timely and renowned Dr. Tutti came in to try to stop what was happening (he'd been listening at the door). The surprise caused Gayle to loosen her grip on the gun. It dropped, went off and hit her on its worst setting: DOOMED TO USE HONEYWELL FOR all courses.
"She's dead, T.J."
"Shut up, McToy!"
Captain Jirk and the renowned Dr. Tutti cried on each other's shoulders.
"I created the android Gayle to be with me forever."
"I loved the android Gayle like no other."
Shlock sick of the flubbering and other useless emotions, approached and touched them both, "Forget, ...., Forget"-both men stood up straight.

Jirk felt bewildered, just like he usually did before a Calculus midterm. He shook his head and demanded, "Renowned Dr. Tutti, we need the encryption key!"'
"There's no real encryption key-that story was made up because I'm lonely-the layout of the sixth floor is impossible to consider mathematically."
"As I always suspected-Dr. McToy, don't you have some stupid contrived final thing left to say?"'
"Oh yes, the renowned Dr. Tutti is now mortal-it's a combination of the concrete building and the computer radiation."
"Fine." Jirk speaks into his communicator, "Scotch, 3 left to beam home." and they disappeared.
(theme music)
Librarian Alphatoomega

## So You Want a Job

With resumes and UCPA forms due next Friday following the release of The Graduate 1, and with co-op interviews in process for this term and coming soon next term, and with summer job posting already beginning, the topic of your career search should be high on your list of priorities. Career planning and the job hunt require careful preparation if they are to be successful and satisfying. Many students are unaware of the numerous resources that are available to help them effectively get a job. One of these resources readily available to students, particularly Math students in this case, is the Student Vocational Advisor (SVA) program.

For those of you who have not used the program before, or do not understand what it can do for you, answers to a few questions about the SVA program will clarify why it is a valuable resource to students.

What is a Student Vocational Advisor?

- a student trained in all areas of career planning and job search
- a volunteer who works closely with Career Services
- an enthusiastic student eager to talk with students about their concerns
- a counsellor, advisor, friend

What does the SVA program do for you?
An SVA can help you to:

- identify skills and interests
- write effective resumes and letters
- develop succesful interview skills
- plan your career and job search
- understand what employers look for
- know what kinds of jobs Math students have obtained How does the SVA program work?
- interested students can drop into any SVA office located on campus
- students can participate in the SVA program, seminars, workshops, or discussions which are held regularly on campus Who should participate in the SVA program?
- students looking for accurate advice on career related problems.
- students who lack job experience or are weak in resume writing, letter writing, or interview skills
- students confused or frustrated about the job search
- students who want to make an investment in their future

So, if you take your job search seriously, and would like to get some assistance in any of the above areas, drop by and see any of the SVAs on campus. They are a valuable resource who are there for you.

Your Math SVA: Kevin Lasitz
SVA Office: MC3035
Office Hours: Wednesday 12:30-1:30
Thursday 11:30-2:00


IMPERIUMS TO ORDER
(Role-Playing and War Games)
103 QUEEN ST. S. KTTCHENER ONTARIO,N2G-IW/ (519) 744-3831
> $10 \%$ Off With This Ad Valid until Thursday November 19th, 1987

## UltraClassifieds

UltraClassifieds are presented as a free service to Math students. If you have anything you would like included, write your ad down on a piece of paper or anything that's handy and submit it under the door of the mathNEWS (not MathSoc) office MC3036 or in the MathSoc office.

Warning UW students! On Nov. 21 the Ismailia High School Students Association will be invading the campus. Beware! -- Mukhi

WANTED: couches that are actually comfy in the comfy lounge (for sleeping on, playing cards, etc.)

For Sale: one mathNEWS editor, fair cond, slightly used, scruffy looking. Cheap! Contact halfabee@watnext.

WANTED: one used chainsaw. We will pay premium prices. UW Zen and Chainsaw Tag Club.

You saw the Sixth Floor. You thought it was bad? Well. . .
MC part VII: Topology Lives!! is coming soon to a large edifice near you.

Look for a series of lectures on Alligator Wrestling for Beginners to be held on campus. Have the time of your life! Give your hand a try!

Angie, I found your crowbar!
Steve (not Trev)
FOUND: an orangy piece of paper with nothing written on it.
If you know to whom it belongs, tell me. If I'm not at mathNEWS, I should be elsewhere. R.

Ben would like to thank Frank, CJ, Tina, Margaret, Rick, David, John, Darren, Dave; and of course Jeffrey, Dorothy, Frank (Sir), Sandy, and Gordon (the man) for making WatVelvet I a success.

Congratuations to ex-mathNEWSer Tom Ivey for being the 1987 winner of the K.D. Fryer Gold Medal. Good luck at Duke University.

Happy 19th Bailor, Grad was great. Lisa

# Top Ten Worst Dressed People (or Groups of People) on Campus 

10) Mech Eng (Their hard hats never match their shoes.)
11) Science students (Their lab coats never match their shoes.)
12) Brian Mulroney (Did I see him wearing a red tie when he was on campus?)
13) Elec Eng (Their pocket protectors never match their shoes.)
14) Bombshelter workers in their new outfits (I liked the old vests better.)
15) dan (his hair never matched his shoes.)
16) Comp Eng (Need I say more???)
17) The Feds (Just to bug them)
18) Dave Kirkness (His suspenders never match his shoes.)
19) Math Profs (you know the ones we mean)

John McTafart

## Life With dan

This Week: dan Saves the Davis Centre

As you may recall, last time we saw our hero, he had thwarted an attempt by the science faculty to destroy the campus. But, as we said, dan has since graduated and is now giving grad school a try at $u(t)$. But Waterloo needed him more than ever, as he would soon find out....

It was a Monday evening as dan returned to his townhouse near the corner of Jarvis and Gerrard. he stopped to talk to the group of girls who usually congregated at Harvey's restaurant each night. he talked to them for a moment, complimenting them on their choice of earrings, before going in for the evening. As he unlocked the front door, he heard the phone ringing, and raced over to answer it.
"Is this Dan?" asked a distraught voice.
"No, it's dan. Who is this?"
"This is Walter Nash, of UW Campus Security. We need your help."
dan was puzzled. "What can i do for you?"
"Well, you see, we've got a very tense situation at the Davis Centre here in Waterloo."
"Oh-they've finished it!" dan exclaimed.
"No-not exactly. You see, there's someone holed up in the Billding armed with a stapler and a paper cutter from MathSoc, and he's not afraid to use them. He's trying to prevent everyone who's not in CS from entering the Billding. That means cleaning staff, librarians, everyone. He's a very dangerous person. Everyone's tried talking to him, but no one's been able to get through. That's why we're calling you."
"What makes you think i can do anything?" asked dan.
"You see, we think you have a lot in common with him. His hair is two different colours, and he's wired up all the speakers in the Billding to CFNY. You have to help us!"
"Okay-i'll be there as soon as i can." dan hung up the phone and set to work.
he got a hold of two hard-core punkers he knew, Stig and Cleon, who lived down at the Yonge St. mission. They hotwired a van parked on Bay St., and drove dan over to Waterloo.

By the time dan arrived, the scene at UW was chaotic. Campus security had barricaded the DC, and surrounded it with Central Services vans. They were blasting Q107 at 110 dB towards the Billding, but to no avail. To secure the area, campus security was towing away every car parked within a two-mile radius.
"Thank God you're here," Nash said as he greeted dan.
"No problem," dan said. "The Dead Milkmen canceled their show at the Concert Hall tonight anyway, so i wasn't planning anything tonight."
"Good, good."
"Who's in the Billding, anyway?" dan asked.
"Ian M. B."
"Ian M. B.?? You never told me that's who it was! i-i-i can't deal with him."
"But dan-you're our only hope. Doug Wright is threatening to strafe the Billding with F-18 fighters. That would put it another seven years behind schedule."
"Would anybody notice the difference?" dan asked rhetorically.
Stig and Cleon were gone, their stolen car towed away, so dan had little choice. He took a hold of the bull horn and began talking to Ian.

[^0]dan put megaphone down. "This is going to be harder tha i thought," he said, but he had a plan. he hurried up to the mathNEWS office, made a couple of phone calls, and returned to the DC.
"i'm going in," he boldly declared, and marched into the Billding.
"he's crazy," said one security guard to another.
"he's also got a blue mohawk and thermometers in his ears," came the reply.
dan stiffly brushed the dirt from his sgt. pepper jacket as he climbed off the ladder onto the top platform of the DC. He saw Ian a few yards away, brandishing a MathSoc stapler. dan wasn't worried-they never worked anyway.

Ian spotted him and whirled around, aiming the stapler at dan. "Are you one of those AM artsies?! What do you want?" he shouted.
"Give it up, Ian," dan said. "i don't want to see any bloodshed."
"Take off! mathNEWS stinks!"
dan was left with no alternative. he pulled out a genuine mathNEWS exacto knife and waved it in Ian's face. "You fail to appreciate the gravity of the situation," he said. "Right now, all you are is a character in a mathNEWS serial. Which means i can kill you off-i've done it before. And seeing as this is my own serial, it makes it all the more easy." he snapped his fingers, and the tall scruffy and the short blond mathNEWS editors emerged carrying exacto knives. "These gentlemen are also serial killers," dan said. "You see, Ian, that you have to realise that mathNEWS always has the power to hack you to bits."

Ian finally realised what precarious people he was dealing with, and dropped the stapler and paper cutter. He surrendered to campus security, and was taken to the Commissary and tortured. The tall scruffy editor went back to his real-time assignment, and the short blond editor began hyperventilating from an oxygen mask. As for dan, well, this was just another day in his life, and he hitchhiked down to the 401 and got a ride back to T.O. with a couple of guys in a Charger named Paul and Raymond.

Jeffrey Beaumont

## How do you know when you have gone too far?

This question that has plagued men and women for centuries may never be answered, although certain signs can indicate whether you have crossed that line. These signs may consist of screaming, phone calls in the middle of the night, death threats, your name mentioned in OPUS, and the physical pulling of arms out of their sockets. I therefore caution you to be very careful, and to avoid doing such stupid things such as ... plagiarism.

Copying someone else's assignment word for word; line by line, handing in a xerox of their assignment, copying another person's computer program from their directory to yours and then making minor adjustments to comments in the program, etc. is not bright. Although they may not look it, Tutors are not the stupidest persons in the world. They have minds like sponges (or is it sponges like minds, oh well) and can soak up almost anything that passes in front of them. If you are caught, both you and the person you got the assignment from lose, because copying assignments is a two way street, a person to give the assignment and a person to take the assignment for copying. University is hard enough by itself, it does not need to be made harder by losing marks for giving your assignment to someone who copied it verbatim, and got caught.

Dr. Nabour

## And the winner is. . .

We at the mathNEWS office recently started to keep a running tally of those unfortunate souls who come to the office (MC 3036) asking for the MathSoc office (MC 3038). Now it so happens that, in little more than 1 week, we had our fiftieth lost one, so, in our sympathy, we decided to induct him into the mathNEWS Hall of Fame, along with other no-names such as Sen. Biden, Frank Booth, and Bill Madlock. Now you may be asking yourself "just who is this person, anyway?" The answer is (drum roll. . .?) Jim Noaar!!!! (and there was mass rioting in the streets, etc. etc.) We salute him and all you others who helped him on his way to eternal fame (well, maybe) by coming in and asking us for MathSoc.

And, if you think this is abuse, be the hundredth person. C'mon. We dare ya.
the non-MathSoc types at MC3036
P.S. Since the running of last issue's article on the location of MathSoc, the lost souls have steadily decreased to about 2 per day.

## Vote One, Vote All

(Co-op students)

# MathSoc Elections For 

Summer 1988 Exec.

Positions:
President
Vice President
Treasurer
Where : 3rd Floor Math Building
When : Tuesday Nov 24 and Wednesday Nov 25
8:30-4:30

## Quebec Winter Carnival

Feb. 12,13,14
Cost: $\$ 175.00$
skiing package available
Deposit required by Nov. 19
come to the MathSoc office for further information
L'Hotel Du Vieux - kitchenette

- restaurant
- telephone
- T.V.
- private bath
- downtown area of Old Quebec walking distance from many carnival events


## Off to the Races

It was announced this week that the first annual Great North-byNortheastern Popsicle Stick Toboggan Race is to be held this year in Iqaluit, NWT. This premiere Popsicle Stick toboggan race is expected to attract over 500 contestants from as far away as North Iqaluit.

The winner (or winning team), will receive a five year advertisement position with the Popsicle Corp., and will get to tour the world preaching the good word on the constructibility of Popsicle Sticks, and to advertise Popsicle's three new flavours; chocolate chipit, butter pecan and hot barbecue.

Donations for the UW Popsicle Stick Toboggan team can be made out to mathNEWS and placed under the door of the not MathSoc office.

## Food in Ottawa?

## Colecuts victorious over Sloppy Joe's

The Ottawa Coop Math Softball League held its playoff tournament in August with the team "COLECUTS" emerging victorious. They upset their undefeated archrivals "SLOPPY JOE'S" in a closely fought final game to win the prestigious Ottawa WATREC Natural Log Trophy. Team members, faces beaming shortly after the win and presentation of U of W Caps courtesy of the Cooperative Education Department, include captain Len Cole, Chris Bardeggia, Richard Bureau, David Antkiw, Stephen Sproule, Kelly Kitchen, Brent Jarvis, Stefan Brandt, and Tom Bootland.
(Ed. note: We also had a lovely photograph submitted, however, since it was in colour, it could not be reproduced. Nonetheless, mathNEWS congratulates COLECUTS on their victory)

## Attempted Theft Thwarted

WLU security has released the details of the attempted theit this past weekend of the Yates Cup.

Last Saturday, the WLU Golden Hawks were awarded the Yates Cup after they defeated the Guelph Gryphons $28-15$. Five dissident players from our last place Warrior football team grabbed the cup at half time, and made off with it. WLU Security and the Waterloo Regional Police chased the five back to the UW campus. The chase went through several buildings, and at this time, it is believed that three policemen and a security guard are lost in the PAS building. Another seven are reportedly lost somewhere on the sixth floor of the MC building.

The criminals were caught when they tried to enter B.C. Matthews Hall (which is never open on weekends) and the cup was returned to Seagram Stadium in time to award it to the Hawks. Charges are pending.

Later, in a press conference, the five fontballers stated that they wanted Waterloo to have the cup, and this was the only way they knew they could ever get it.

Search parties have been formed to try to find the eleven missing men. The RCMP has been called in with specially trained police dogs to try to find them. Thus far the search has been fruitless, but there have been reports of gunshots being heard in the PAS, which officials are interpreting as signal shots to the rescue teams.

One search party official expressed his concern. "They've been missing for close to a week now, and we're running out of time. They probably haven't eaten for several days, unless they've found a food services outlet. In they case, we're even more concerned about their health."

In all, we had the Yates Cup for about an hour and fifteen minutes. Let's relish the memory, because it may well be a long, long time before we get our hands on it again.

The Pied Piper

## CSC Flash

## A busy month for the Computer Science Club

November has been and will continue to be a busy month for the Computer Science Club. There were two events held last week. On Wednesday we had sales representatives from Atari and Commodore showing off their wares. Atari had several machines present, ranging from their low-end 520 ST right up to the new top of the line Mega ST4. Due to the sizeable turnout, Atari was prompted to lower their price on their 520 ST starter package. Commodore was showing both the Amiga 500 and the Amiga 2000. The Amiga with its digitized stereo sound, and impressive colour graphics captivated everyone within earshot.

Later on in the evening a panel discussion was held on the topic of Computers in Education. The panel was composed of representatives from Apple, Atari and Commodore, Professor Jay Black, Professor Forbes Burkowski and Erick Engelke of the Watstar network. Despite some disagreement about the topic of the meeting, everyone seemed to agree that computers would play a very important role in education. The responsibility will lie with us to ensure that computers are not misused.

On Thursday evening the Computer Science 3B Information Night was held. It was a huge success due the turnout of almost all the students in 3B CS. We would like to extend our thanks to all the faculty members that found the time in their busy schedules to attend.

This Saturday the CSC will be holding its Fourth Annual Computer Othello Tournament. Winners will be announced in the next CSC Flash.

Next week on Thursday November 19th, the CSC will host a talk on cognitive science and artificial intelligence, to be given by Professor N. Charness of our Department of Psychology. The talk will take place in MC 5158 at $7: 30 \mathrm{pm}$.

Last but not least, the Computer Science Club is still accepting memberships for the fall term. Drop by our office located in MC 3037, across from Mathsoc, to find out what the benefits of membership are.

Calum T. Dalek

## MathSoc Presents

## A Seminar On How to Relax and Write for Exams

MathSoc is co-sponsoring seminars on How to Relax and Techniques for Writing Exams, run by Ron Walsh and friends.

The techniques seminar will discuss preparation for tests and exams. The problems of writing different types of exams, the disadvantages of all night cramming, alternative study techniques, and the pre-exam ritual (!!) will be discussed.

The relaxing seminar will explain how to put anxiety to positive use. Techniques to relieve mind and body, diet, sleeping habits, and time scheduling will be discussed.

These seminars have proved very useful in the past, to those of us who have survived. Give them a try-November 16th and 19th, 4:30 to $5: 30, \mathrm{MC} 2065$.

## A Day in the Life

An Environmental Studies Student

While we all continue to struggle through another session sitting at a computer getting terminal blur or doing our umpteenth algebra proof just think of the much worse mental anguish you could be going through if you were in ES. Two Environmentalists were laying back on the grass when this intrepid mathNEWS reporter stopped and recorded this conversation.
"Gee Tom, what are we going to do. I think we're going to fail this lab."
"I know what you mean, Dave, we've been out here 45 minutes and I've only seen 3 shapes."
"Well, that's better than me. I've only got 2. ."
"This Advanced Clouds 342A course is too hard for me. I might drop 342B next term."
"Me too. That stupid prof. Making us find 15 different shapes in the cloud in only 80 minutes. It's just not fair."

Short pause as they resumed their sky searching.
"What's this weeks assignment like in Sewer System 250?"
"Not too bad. We have to determine the 5 most common pieces of garbage thrown into a sewer."

At this point another environmentalist came by.
"Hey guys, didn't you know the cloud lab is a two weeker?"
"Oh wow man, is it really? I can go study for my Thermometer Reading 381 midterm now."
"I had that last year. It's a hard midterm. You should have taken Rain Drop Measurement 340. It's all multiple choice."
"Yeah, I thought of taking that, but then I found out it has 2 hours of lectures a week PLUS a one hour tutorial. I don't think I could handle that kind of workload."
"What are you thinking of taking then, Urban Planning of Street Signs 273?"'
"Yeah I probably will take that. Plus Street Name Choice 274."
"Wow. Are you sure you can handle that?"
"I think so. I'm also taking Alignment When Painting Road Lines 316 so I should be able to muddle my way through the term."
"Well I've got to go to my Park Fountain Placement lecture now. See you guys later."

The three walked apart as this thrilled mathNEWS reporter rushed back to the not not MathSoc office, open 24 hours a day to deposit his goldmine into the hallowed Black Box.

Uncle Smash

## Attention Spring Students

Alas, the end of term approaches, and for some of us, this means the return to our co-op jobs. When your work term has ended and the time has come to return to UW, you will be looking for something to do. I encourage you to get involved in mathNEWS.

At the end of the Winter term, we are losing the majority of the Y-stream mathNEWS staff to graduation (GASP!) Even though change is sometimes good (i.e. getting rid of some old scruffy wood), these mathNEWS veterans, who are currently responsible for $50-75 \%$ of each issue, will be greatly missed.

As it looks, the spring term will have no mathNEWSquiz, and no GRIDWORD. I am looking for people to continue the great traditions of mathNEWS, by coming out to the production nights (the next production night date is always posted on the mathNEWS office door MC3036.)

I hope to see you out.
Rick McTavish Acting Spring Term mathNEWS Editor

## How Variables get Rich Quick

No doubt if you've had any experience with Pascal at all you encountered the often feared, but much talked about, issue of inheritance. The main question I've been asked about inheritance is, "well, just what is it?" I've had to answer like this: Our scientists still don't understand fully what happens when variables pass on, but one thing is clear-the value of the variable does not disappear.

Then, if dying variables leave behind little "nest eggs" (technically known as nesting), those values must be passed on. To whom, you ask? Well, if a variable has lived within its means, its savings are dynamically allocated to other variables within its family. Other variables which have referenced the dying variable kindly, hold responsible positions in the program, and are reasonably clean (for example, use scope if their breath is of low quality) can expect to receive part of the inheritance.

The death-bed of a variable is an active and exciting place. A telephone invariably sits at the stack-side. The dying variable may request that a favourite fellow be contacted. This is termed calling by name. Often, old debts are remembered in these last moments and debtors are called by value. Parting wishes are exchanged, and the variable returns to the stack, from whence it came.

In the variable's last moments, many fascinating things occur. Scientists have provided the following possible reconstruction of the final event.

The variable "Joe" is just about to die. The first step in Joe's death is the return of his name to the name space. Joe begins to see all the variables, past and present, coming toward him from above his stack-frame. The stack pointer approaches ever nearer, and finally, with one quick motion, Joe's memory is released into the great mass of variables which have existed, and which will again exist. Yin and Yang are preserved.

Other scientists disagree. They feel that when Joe dies, no co-mingling transpires, but that Joe's identity is gradually corrupted by being overwritten, reassigned, linked and unlinked.

One question remains-when all the variables in a program have died, where do their values go? This is an open question in computer science research, and the answer should be most rewarding (especially to the banking industry, which routinely misplaces millions of dollars (in fractions of cents) within its computing systems).


## Vanier Cup

Saturday Nov. 21
game starts at 1 pm
seats on the center yard line
buses leave Waterloo at 10 am and return at 6 pm use the opportunity to do some christmas shopping

Cost: $\$ 8.00$

## Buffalo Fire Sale

There will be a fire sale held in North Tonawanda this Saturday from 1600 to 2200 hours in the big warehouse that was going to be torn down. This event, to be included in the Guinness Book of World Records as 'Biggest Fire Sale', will include all saleable products from North Tonawanda and area fires which occurred in the past week.

Scheduled to attend this and give speeches are:

- Arson International, Metro Buffalo Chapter;
- Ronald Reagan, to talk about nuclear testing in suburban neighbourhoods;
- Speaker Rafsanjani of the Iranian Parliament, to speak on future Iranian retaliation outside the Persian Gulf;
- Mrs. O'Leary and her cow, on the spontaneous combustion of hay. - Sen. J. Biden, who will deliver the Gettysburg Address.

Be sure not to miss out on this sale of a lifetime! If you stay long enough, you will see the spectacular finale of this warehouse (hint: we wouldn't think of having a fire sale without a real live fire.)

Mr. Death Superdave
F.B.

## ElseWhen

## 5 Years Ago

MathSoc was in the process of holding a referendum to introduce its new constitution (the very same one in effect today). To quote Rob Ferguson's article "These problems [in MathSoc] eventually led to the near dissolution of the Society ... the Society has all too often been tied up in knots because of the unworkability of the present constitution ... this document is riddled with loopholes, contradictions, obfuscations ... the result [is] a despotic, inward-looking organisation ... that could not perform its basic function." Whew! Also in the Haven't I Heard This Somewhere Before club, "On Sunday October 31, 1982, the University of Waterloo voted to become prospective members of the Canadian Federation of Students (CFS). This action implies that in two years a referendum will be held [to determine] whether to become full members ..." Sigh. Games Feds play, same then as today ...

## 10 Years Ago

MathSoc had just held "The Great Math Week", featuring, among other things, a successful Wine and Cheese (they do happen sometimes), a slide rule contest, the Molson's Tour and a Semi Formal . The week before MathSoc had opposed a move by faculty to have a three-essay requirement for graduation (apparently successfully!) The mathNEWS statistics section reported that there were 3139 mathies (excluding the 82 students enrolled in math through St . Jeromes).

## mastHEAD

Another issue and another glorious mastHEAD. Unlike last issue this mastHEAD will not discuss sex, but we will concentrate on the centre of all things, namely the staff of mathNEWS.

It is now $8: 21$, and the we would like to give our gratuitous thanks to: Frank \& Stuart (together again), Chris Fievoli, Tom Vandeloo (now extremely happy since he has a girlfriend), Trevor Green, Rick McTavish, John Herbert, Steve Butler, Bailor, Ron Pfeifle, Edwin Hoogerbeets, Ted Timar, and Jim Boritz. And also thanks to our many non-participating participants, ie, the writers. Also thanks to the cartoon Mother Goose \& Grimm, which a contributor has adapted to our needs.

To Marion and Graphics Services, Little Caesar's, DCS, the readers and subscribers we give our thanks for continuing to make the production of mathNEWS go easier for us. Remember, any comments about mathNEWS, whether they are complex (i) or otherwise, are always welcome, and can be sent to the mathNEWS office MC3036.

It's now 12:50, and we're done. I can hardly comprehend it-it must be because Frank left early to study. Be here in merely one week's time, when the intrepid mathNEWS staff does a double shot of mathNEWS to bring you the Summer 1988 elections issue. It'll be chock fuil of MathSoc electoral matter, plus a healthy heapin' of our irregular features. See you next week!

HobGoblin \& the Dark Lord

## It's Fall, So Why Aren't The Leafs Falling?

Another season has begun for the Buds, and the questions that are one everyone's minds are:

- Can the team do well despite Harold Ballard's constant interventions?
- Can they beat Jacques Demers in the playoffs?
- Is the defence strong enough?
- How will the off-season deal that sent Bob McGill, Rick (I'll Buy a Clock Radio Next Time) Vaive, and Steve (Bathroom is Third Door on the Left) Thomas to Chicago for Ed Olczyk and AI Secord affect the Leafs?

Well, I'll attempt to answer a few of these questions in the next few paragraphs

There should be no doubt in anybody's mind that Harold will have plenty to say about the Leafs' fortunes. The team has enough talent to finish 2nd or 3rd at the very least, mainly because Minnesota and St. Louis will be fighting for the 1st pick in the June draft. Making it to the playoffs is the most important thing for the team. It doesn't really matter if they win the Norris division or finish fourth. They have shown in the past two years that they are a playoff teambut whether they can get past Jacques Demers and Detroit remains to be seen.

The defence this year is much better. Todd Gill and Al Iafrate really came into their own last season. They are both bonafide allstars, and will just need to gain more experience. By the end of the season, the defence should be much more cohesive

As for the goaltending, I feel that Alan Bester and Ken Wregget are the best tandem in the league. As a point of interest, they were the goaltending duo for the Canadian Junior team in ' 83 which won the World Junior Cup.

Ed Olczyk played for the Stratford Cullitans of the Midwestern Junior B League before joining the U.S. Olympic team in '84. He does have a habit of slacking off at times, but I don't think that he will get away with it while he's playing on the same line as Wendel Clark. Al Secord will add some much-needed experience on a rather young Leaf squad. Going the other way, Steve Thomas is a good player for Chicago to get. I would have liked to have seen him stay in Toronto, but Harold would never pay him what he was asking for. Ricky Vaive had several good years with the Leafs, but I don't think he'd ever repeat those years with the Leafs, and Bob McGill-- well, he was just in there to sweeten the pot. He wouldn't have made the team anyway.

I don't expect to see the Leafs win the Cup this year, but I don't think that it is too far away. For a change, they should play some entertaining hockey.

Gazoo

## English in Football

It has become clear (to me, anyway) that the English language is one of the most dynamic, vibrant languages in the world today. To illustrate this, one has to look no farther than the pressbox at any football stadium. The language acquires new form and style, and has been known to evolve in a matter of seconds. Some brilliant gems include:
"Well, Jim, the two teams have really come here today to play football." Really? Actually, I thought they put on their uniforms so that they could play ringette.
"That was a very key play." I never knew there were degrees of 'keyness'.
"That was a very unique play." See above.
"And <player name here> hits the sidelines." Those vicious sidelines'll never forget the pounding he gave'em.
"And <kicker's name> misses the uprights entirely." Now, did the ball go between the uprights or not?
Aside from the quotes, commentators have come up with new additions to our vocabulary, such as:
commentator
to orientate (vb.)
momennum
'major blowout' (what about all them minor blowouts?)
'passing interference' (is that related at all to passing wind, or the buck?)
A. Pseudonym

## Profs Not Paid Enough?

## Will He Be at the Naismith Too?

The question of remuneration for UW professors once again came to the fore this weekend. It appears that profs here have had to resort to part-time jobs to supplement their salaries. This was once again in evidence this weekend at the Yates Cup game between Wilfrid Laurier University and University of Guelph at Seagram Stadium. Rob Brown, a professor in the Actuarial Science department, was reportedly seen selling peanuts in the stands during the game. Our professors at UW are supposed to represent the core of mathematical knowledge in North America. It is indeed disheartening to see them resort to such menial jobs to increase their income. However, reports that Gord Willmot was selling pencils at the corner of King and Queen are completely unfounded.

Serious Side: We would like to give Rob Brown a lot of credit for his work for the Kidney Foundation. The peanuts were part of a fund-raising drive for this cause. There are still 100 cases to go, though. It's only \$2 a bag, and you get lots and lots of nuts for your money, and the money goes towards excellent use. So let's be decent chaps and buy some of those peanuts. If you are interested, contact Rob Brown (MC 6104A). And by the way, congratulations on the new addition, Gord.

Tony Fernandez


## mathNEWSquiz \#5

I don't know whether you've noticed it or not, but this is the third Friday the 13 th issue of mathNEWS we've had this year. The sudden proliferation of Friday the 13ths in 1987 may well explain most of the bad luck that certain people have had this year. Did you hear about a fellow named Anil Gupta who ran up a few million in debts over the stock market crash? How about Larry Grossman? Or even worse, Disco Dick Hatfield? One could say Gary Hart and Joe Biden had their share of bad luck (or was that just stupidity?). But, in defiance of superstition, One-Armed Phil has a surprise for you. This week marks the first (and possibly not last) week that the mathNEWSsquiz takes on a new format. Rather than the standard 10 questions, we've bumped it up to 12 and split them into categories. The mathNEWSquizExpert certificate still goes to the submitter with the most correct answers, but special recognition will also go to whoever scores the highest in each category. Hopefully, this will spice up the squiz a bit and encourage a few more of you to submit. So, without further ado...

## Entertainment

1) What late actor was renowned for his role as the King of Siam in The King and $I$ ?
2) Roy Orbison had his first gold record with what song?
3) In the movie Goldfinger, how much time was left on the clock when James Bond disarmed the atomic device planted in Fort Knox?
4) Was "thing", from the TV show The Addams Family left- or righthanded?

## Sports

5) What league once boasted the following teams: Virginia Squires, Spirits of St. Louis, Memphis Tams, and San Diego Conquistadors?
6) In what year did Bobby Orr win the Lou Marsh trophy as Canada's top athlete?
7) Who was the last black player to win the American League Cy Young award as outstanding pitcher?
8) Here's one for you Python fans: How many times has Coventry City won the FA Cup?

## (Or: Friday the 13th, Part III)

## The Written Word

9) What is the only eight-letter word in the English language with only one vowel? (That means one of a, e, i, o, $u$, or $y$, not repeated.)
10) Who penned the poem In Flander's Fields?
11) What Dickens novel features Ronald Colman as one of it's characters?
12) What is the longest English word that can be written solely using the letters on the top row of a standard typewriter keyboard?

Before we pursue this silliness any further, let's have a gander at last week's answers. 1) Lord Beaverbrook (no one got this- surprising) 2) Daisy Hill Puppy Farm (along with his brother Spike) 3) Detroit Tigers (Boooo! Hissss!) 4) Christopher Lee (Dracula too, I believe) 5) 1948 (published in '49, though) 6) Robert Englund (who can forget that face?) 7) Arizona Wranglers and Chicago Blitz (and you
wonder why the league folded) 8) Pope John Paul I ( 34 days he served) 9) W.A.C. Bennett and Bill Bennett (they called him Wacky, by the way) 10) Dallas Smith (was he always bald?)

Returns were a little down this week, but we still had a few decent submissions. The winner this week is, rather, are Gumby and Pokey, who scored 7 on the squiz. (Was that $31 / 2$ each, maybe?) They can pick up their mathNEWSquizExpert certificate in the MathSoc office this week. (Thanatos! Pick yours up!) Other listless contributors included Tomas (4), Jim Sankey (4), The Steel Chameleon (3), Gleep Warp (3), and FSUB (0). (C'mon, guys! Who was this?) A belated congrats goes out to MacKenzie-King's Ghost for scoring 5 on squiz \#3. Seeing as we'll be putting out issues two weeks in a row now, that puts a bit of a squeeze on squizzers. (What alliteration!) So let's do it this way- We'll see how many submissions we receive by next Monday evening, and if there's any real quality ones, we'll award the prize then. If not, we'll hold on a couph of weeks and accept winners for both squizzes \#5 and \#6, and announce them in the EOT issue. So do your squizzes and put them either in the Black Box in MathSoc (MC 3038), or under the mathNEWS office door (MC 3036). As a final note, I'd like to say, "Why are there people like Neil?" Purely an inside joke, folks. Don't be alarmed. See you later.

One-Armed Phil

## A student's worst nightmare

## It's seven A.M. Your alarm clock goes off.

## brrrinNNGGGGGG!!

You stumble out of bed. Groping in the dark, you find the kettle. CRASSSSSSSSSHHHHH

Damn. The instant coffee jar is destroyed. So much for the day.
But wait.
The end of the world has not yet come. You remember (aHA) that you have caffeine pills stashed in your room. Stumbling your way back upstairs, you

## MEEEROWWWWWWRR!

step on the cat. Oh well, I feel worse than he does, anyway, you think.

By some miracle, you actually manage to get a pill and wash it down with water. But this is only the beginning of your day.

With refreshed mind, you saunter back downstairs, and after fending off the cat, make your way to the phone to make an important call. You actually wait in anticipation for that little man with the funny accent, but instead-horror of horrors-you hear the words most dreaded by any university student-
"This is Kitchener Transit. The Telerider is down for maintenance. We apologise for the inconvenience."



Across

1. Of the French exterior religious order I left negatively from the enticement (9)
2. Keep birds here for the first activity by way of the risky ends (6)
3. I'd bleed to get something which can be eaten (6)
4. Iron media? (5)
5. Senior show of the Model Derby (5)
6. In this manner, a cover state (5)
7. Strange for us to take one road (5)
8. The reality to starting a biblical book (5)
9. An assault above the television (5)
10. Dispel the lie of the small woman who has the leading opposition to potassium (6)
11. Island bathing suit? (6)
12. The princess' backward existence has the visible mark of a non-conformist (9)

Down

1. Thus, anger is directed at the evening reception (6)
2. Hardship, the rude way, on a boat (6)
3. Of course, identification contains a weird need (6)
4. Habeas corpus missing for the worthless person (6)
5. Content to hardly apply without a number (5)
6. An organ of the man who lives in the past (5)
7. Liken to getting the fantasy writer (7)
8. Concentrate on an art exercise? (5)
9. Restrained the cot of the leading dog (6)
10. Heard beverages had cries (6)
11. Easily managed the medic that I lead without promotion (6)
12. Help like relative temperature (6)
13. An emotionless person as in the original around Toronto (5)

## GhostComments

Frank (Sir)? Where are you? Has anybody seen Frank (Sir)? It seems our illustrious GridWordCreator is once again nowhere to be seen. So the task of the GridComments once again falls on my shoulders. Don't be distressed, though. Frank (Sir) did have time to make up the Grid for this week, so all you dedicated puzzlers can have something to fritter away your Friday mornings with. However, use these with caution! Remember what happened to Keith Hernandez?

As usual, the BLACK BOX (did I do that right?) was virtually brimming over with solutions, and the mathNEWS office door had to be pried open with a crowbar, due to the excess submissions under the door. But our lucky winners this week are the conventionally expertise Mavid and Xime Marie and the cryptically amazing wribume猚avas, chosen by the aerodynamic disposable selection process. A special note to our conventional winners- we apologise for inadvertent omissions the last two weeks. Maybe you could avoid cutting out your grid, because small pieces of paper tend to get lost in the hassle of what we call production night. All tolled, there were 21 correct cryptic submissions, with 2 errata, as well as 5 conventional entrants, of which 2 were incorrect. The cryptic gang includes Smurf, the Snark, Manute Bol, Beowulf Shaeffer, Tom Bootland and Charlene Purdie, RR, David and Anne Marie, Jim Sankey, Greg and Joel, Mark (with a teeny bit of help from Duckie), Tomas, Lance Sibley, Julie (no etc.), The Falcon; Eric Clapton, Jack Bruce, and Ginger Baker; Luke Robertson, KB and Dad, Don Watts Jr., Red Dog, and Gumby and Pokey. Duck (Quack), and Karen Chorny and Darlene White got one wrong. Conventional troopers include Frums and Manute Bol. R. Orbison and Gumby and Pokey (again) got one incorrect apiece.


## Conventional

Across<br>1. OLD BRITISH MONEY<br>7. STEP<br>8. SCULPTURE<br>10. EXISTENT<br>11. MEETING-PLACE<br>12. COURSE<br>15. COUNTRY<br>19. BATTLEFIELD<br>20. GAS TYPE<br>21. THRIFTY<br>22. HIT<br>23. FLEETING<br>Down<br>1. ABOMINABLE<br>2. MEANS OF ASCENT<br>3. INDIGENOUS<br>4. STRETCH<br>5. A DAM<br>6. INSURGENT<br>9. LOOT<br>13. AN INDISCRETION<br>14. A RELIGIOUS ORDER<br>15. DESERT<br>16. IRRITATE<br>17. STAB<br>18. SIMILAR

The favourite movie genres went as follows: B+W, Ones with my songs in it (that from Mr. Orbison), math pornos, anything with Arnold Schwarzenegger, gratuitous sex and violence, quality violence, fabric fetish films, family (of course), vivisectionist westerns, Marx Bros. classics, Jewish war films (Zion's friction), and "skiffy", whatever that means.

Rude comments were as follows: Howdy! Howdy! Vacuum bag is hot today, still in a state of GridWord euphoria! How long will it last?, Help!! I need some marks. Help!! Not just any marks, Elementary, my dear Riker...sir, BMath is better than Babes any day, quite distracting, a candy coloured clown they call the sandman; great minds think alike, especially when DNA is involved; mommy, mommy, baby wants to...; We're gonna rape, loot, pillage, and burn!, why can I do GridWords but I can't integrate by parts?, Americans are happy toilets, help save the rutabaga, and in dreams you are MINE, Frank!

Maybe Frank (Sir) is lost on the sixth floor somewhere. Oh, well. Anyways, be sure to do this week's Grid and either shove it under the mathNEWS office door (MC 3036), or in the BLACK BOX in the MathSoc office (MC 3038), where this week's winners can pick up their glorious prizes. That about does it for me. I'll go back to playing my saxophone at Klook's Kleek. Till next time, I remain ...

Dick Heckstall-Smith


[^0]:    "This is lower case dan here. i was wondering if we could talk."
    "Who the hell are you?!?" Ian screamed back.
    "i used to be editor of mathNEWS," he replied.
    "mathNEWS?!? mathNEWS! I hate it! Go to hell!"

