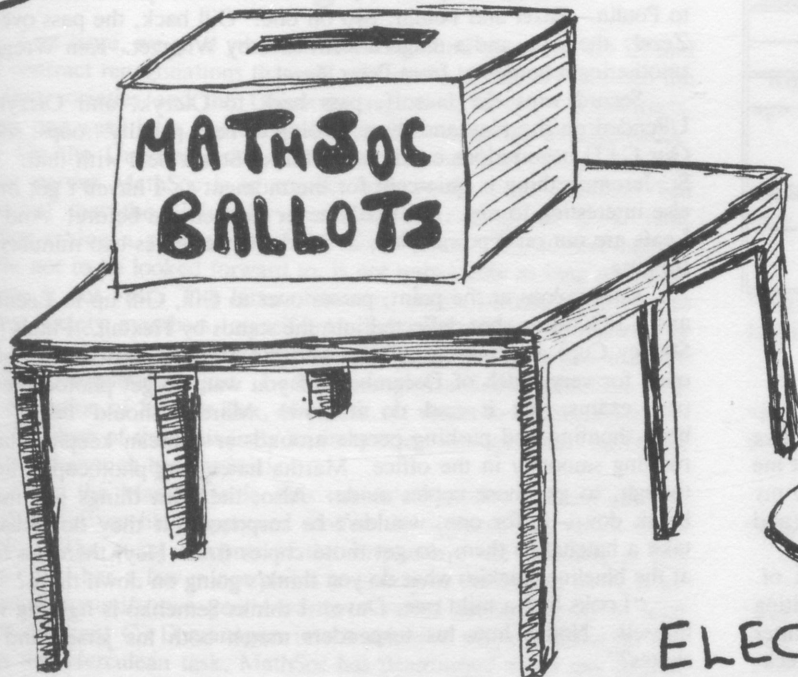
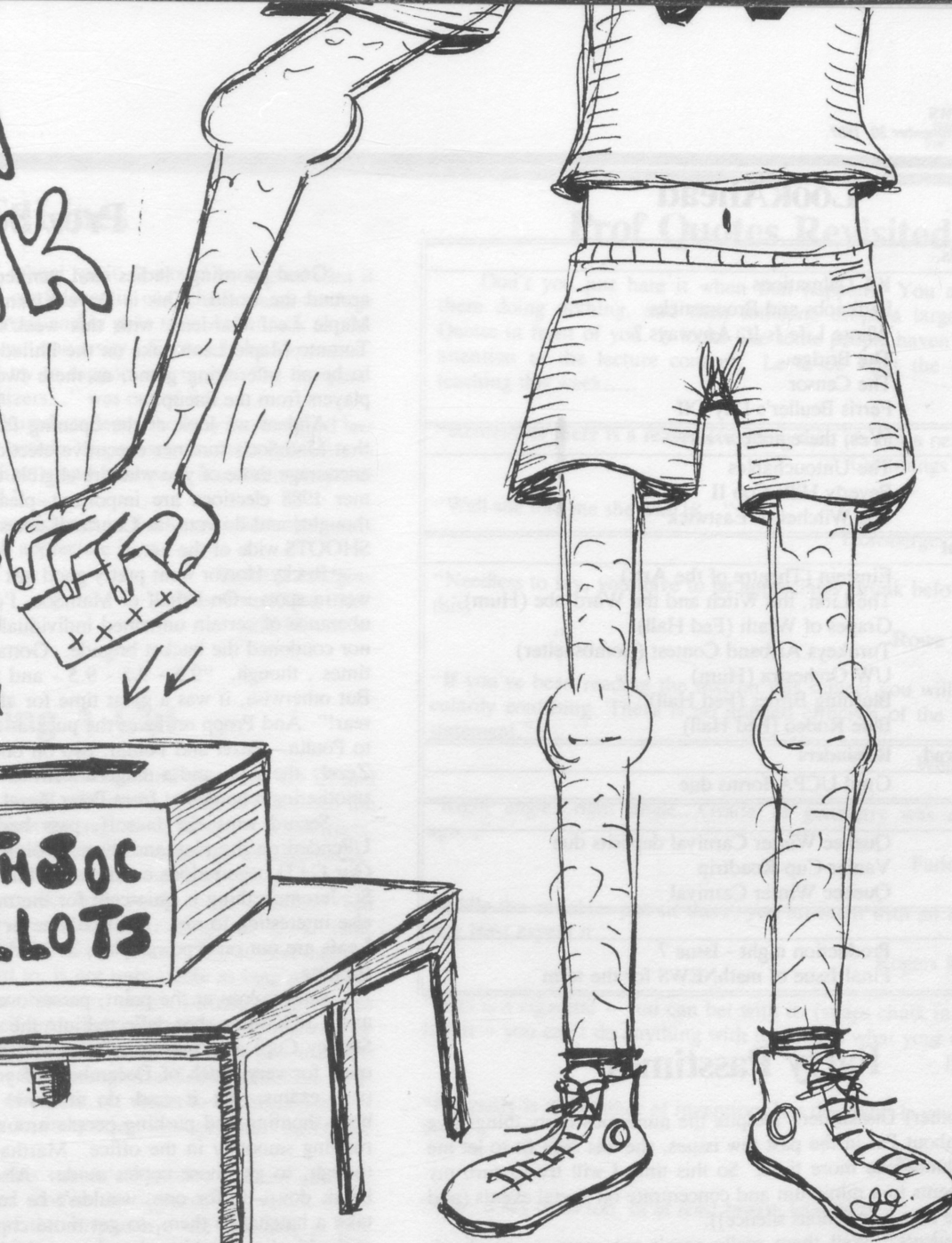


SLAM  
DUNK  
YOUR  
BALLOT



ELECTIONS: NOV 24 & 25

# math **NEWS**

Volume 45 Number 6

Friday, November 20, 1987.

## LookAhead

<b>Cinema Gratis</b>	
Nov 18	101 Dalmations Bedknobs and Broomsticks
Nov 25	Whose Life Is It, Anyways ? The Bridge
Dec 2	The Censor Ferris Beuller's Day Off
<b>Fed Flicks</b> (Yes, these are correct)	
Nov 20-22	The Untouchables
Nov 27-29	Beverly Hills Cop II
Dec 4-6	The Witches of Eastwick
<b>Entertainment</b>	
Nov 20	Einstein (Theatre of the Arts)
Nov 21	The Lion, the Witch and the Wardrobe (Hum)
Nov 21	Grapes of Wrath (Fed Hall)
Nov 26	Turnkeys Airband Contest (Bombshelter)
Nov 26	UW Orchestra (Hum)
Nov 28	Blushing Brides (Fed Hall)
Dec 3	Blue Rodeo (Fed Hall)
<b>Co-op and Grad Reminders</b>	
Nov 20	Grad UCPA forms due
<b>MathSoc</b>	
Nov 20	Quebec Winter Carnival deposits due
Nov 21	Vanier Cup Roadtrip
Feb 12-14	Quebec Winter Carnival
<b>mathNEWS</b>	
Nov 30	Production night - Issue 7
Dec 4	Final Issue of mathNEWS for the term

## Party Passtimes

(yet another) Disclaimer: Despite the numerous nasty things I've said to and about Pat in the past few issues, she has seen fit to let me write her column one more time. So this time I will try to curb my sordid comments to a minimum and concentrate on Social events (and if you believe that... (ominous silence)).

Future events? Well there really aren't too many to speak of. The Vanier Cup is this Saturday (that's tomorrow) and as of writing time there are plenty of tickets left. Deposits for the Quebec Winter Carnival are required by Friday (that's today) so get out those check-books and start a-writin'. Unfortunately, we haven't been able to get anybody to do an end-of-term pub for us, but Pat has invited all of you over to her house at (oops, sorry Pat). Strike that last one. What I meant to say is I'm sure that you can all find SOMETHING to do at the end of this long, hard ... term.

Now that things are almost over, we can look back with satisfaction on a great term—from the organised mayhem of the MMT at orientation through the heavy rains of Rocky Horror (sorry about that) we've had a great time, and I hope you have too. Good luck on exams!

John Thomas

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Editors: Stuart L Hodgins & Frank Letniowski

## Prez Sez

Good morning, ladies and gentlemen, across the campus and around the world. This is Dave Kirkness, live, from the gondola in Maple Leaf Gardens, with this week's edition of Prez Sez, as the Toronto Maple Leafs take on the Philadelphia Flyers. It should prove to be an interesting game, as these two teams are both missing key players from the lineup.

And as we look at the opening faceoff, I'd like to remind you that MathSoc's summer executive elections are coming up. I'd like to encourage those of you who are eligible to get out and vote. The summer 1988 elections are important—please give the candidates some thought, and do vote, as Courtnall takes a long pass from Iafrate, and SHOOTs wide of the net....

Rocky Horror went pretty good last week—although it was kind of wet in spots. On behalf of MathSoc, I'd like to apologise for the exuberance of certain unnamed individuals. MathSoc neither asked for nor condoned the bucket brigade. Gotta admit, their aim was good at times, though. "9.5 - 9.5 - 9.5 - and 8.5 from the Russian judge." But otherwise, it was a great time for all... "Servants' entrance in the rear!" And Propp retrieves the puck at the Philadelphia blueline, over to Poulin—Zeziel and Poulin, two on one! Gill back, the pass over to Zeziel, the shot, and a magNIFICent save by Wregget. Ken Wregget, smothering a hard shot from Peter Zeziel.

Secord wins the faceoff, pass back to Olczyk, and Olczyk is UPended on the play and there's going to be a penalty...oops, sorry. Our C+D negotiations continue ... I'll let Stuart deal with that. The St. Jerome's thing is quiescent for the moment ... I haven't got much else interesting to say. But that's never stopped me before! And the Leafs are out on a power play, as Mark Howe serves two minutes for tripping.

Kotsopolous at the point, passes over to Gill, Gill up to Leeman, and a BOOMing shot deflected into the stands by Hextall...Finals (not Stanley Cup) are coming up soon and the MathSoc office will not be open for very much of December! If you want to get photocopies of past exams, get it and do it now! Martha should be at her best—shouting and pushing people around—er—I mean keeping things running smoothly in the office. Martha hates long photocopier lines, though, so get those copies made. Also, the dum things just might break down—I, for one, wouldn't be surprised. If they do, Stuart'll take a hatchet to them, so get those copies first! Hey, there's a fight at the blueline! Jackie, what do you think's going on down there?

"Looks like a mild one, Dave. I think Semenko is fighting with himself. Notice how his suspenders match both his jersey and his skates?"

Thanks, Jack. Colour commentator, indeed. Things are winding down a bit now that the end of term is near. There's still a basketball game this term, and some other goodies, so don't lose yourself in your books quite yet—but I guess some of you better find them! Remember, we want to see y'all back next term ... Faceoff deep in the Flyer zone. Tocchet—back to Daigneault. Daigneault fires ahead to Craven—Craven is loose on a breakaway! Across the blueline! He shoots! HE SCOOOOOORES! Murray Craven puts the Flyers ahead 1-0!

I guess that's it for this week...Richardson ahead to Secord...be sure to take in all the exciting events MathSoc has planned...Sutter picks off the pass...and study hard for...wait, Salming has the puck. He's in the clear— in on Hextall— and Hextall takes a Vicious slash at Salming! Oh, my God, he's taken both Salming's elbows off! There's definitely going to be a penalty on that play! Well, that's what hockey's all about, isn't it? See you 'round.

Dave Kirkness  
Sauron  
and Foster Hewitt

## EdLines

Hey, imprint! In the name of school spirit, it would be a good idea if you didn't voice your lack of confidence in our school teams on Page One. Not only is this treacherous and in poor taste, but it fails to convey a positive feeling about our university. Especially at Homecoming, the school papers should try to support our teams. The last paragraph of "Homecoming organizers..." was out of line.

For those of our more cultured readers, who may have missed last Friday's imprint, I quote their article "imprint sportswriters recommend catching the Warriors in the first round because it is unlikely they will make it past the second round."

Fry and be a little more considerate in the future...both the teams and the readership at large will appreciate it.

Stuart L Hodgins  
Yes, I shredded them  
and I loved it

## Taking A Cut

Last issue, we gave you a bit of background about the C+D, and the contract renegotiations that will commence in January between the student societies and the University regarding new C+D contracts. Now, one week later, there have been a few interesting developments.

On the University side, Dean of Students Ernie Lucy has told other parties MathSoc is in contact with (such as Fed President Ted Carlton) that the University is considering raising our C+D rent, and/or taking a percentage of our C+D sales. The former option, while not to be looked forward to, is not unbearable as long as the increase is not vast. The latter, however, seems completely wrong to many Society members, myself included. To see the University, or any other group, benefit from the hard work we have put into the C+D is completely unjust. I cannot imagine a similar situation, with the exception of Income Tax, of course. It seems to me clear that it is not the place of the University to, in essence, tax our food. Surely we are taxed enough here as it is!

From the MathSoc side, this stream's MathSoc Council and the off-stream Exec have approved motions to disburse this year's C+D surplus. The exact amounts of this surplus are not available at this time. Joel has a few minor points to clarify in the books, as he is attempting to unify two year's worth of varied accounting by at least three different C+D managers into a cohesive whole. When he finishes this Herculean task, MathSoc has determined to do any of four things with the surplus fund. First and foremost, MathSoc will repay the \$3000 remaining on a loan from the Descartes Foundation, which was used to buy the C+D comfy chairs. This will already have been done by the time you read this article. Having done that, MathSoc may donate up to \$5000 to the Descartes Foundation, bolster the Natural Log bursary by up to \$5000, bolster the Pink Tie  $\xi$  bursary by up to \$5000, or any combination of the above. These motions are coupled with the desire to keep about \$10,000 in the surplus for emergencies, like a freezer dying. Our freezers are older than most of us, and in even worse shape.

The upshot of the above is that there could conceivably be a lot of money in the C+D surplus account, generated from revenues on the goods you buy in the C+D. Not necessarily is there enough in the account to do all those things—MathSoc just approved the possibility of doing them. In two weeks, I'll be able to tell you for sure. If you're curious about future plans for C+D revenues, ask the election candidates—they'll be involved in next year's plans. In the meantime, keep on shopping C+D—the best value around for your money!

Stuart L Hodgins

## Prof Quotes Revisited

Don't you just hate it when that happens? You are just sitting there doing nothing, and then someone drops a large pile of Prof Quotes in front of you. It looks like some people haven't been paying attention to the lecture content. Let's see what the prof's weren't teaching this week.....

"Remember there is a reason for doing this, it's not a perversion."

Cummings MATH 234A

"Well she told me she was 18..."

Honsberger MATH 134A

"Needless to say, you have to be appreciably drunk before you can do this."

Rowe MATH 234A

"If you've been reading the text on this subject you will find it particularly confusing. There is no implied criticism of the Dean in that statement."

Welch STAT 230

"Right angle...right angle...Grade 11 geometry was *alot* of years ago..."

Fader ECON 101

"While the variables just sit there, you hit them with an integral when they least expect it."

Rogers MATH 130A

"This is a cigarette — you can bet with it. (snaps chalk in half) — This is shit — you can't do anything with it — that's what your error is!!"

Booth CS 131

"Necessity is the mother of invention, but the result is usually an abortion."

Kerton ECON 201

"They'd say hello too, or at least breath heavily."

Cowan CS 250

"For an engineering student a calculator is the breath of life. Take it away from them and it reduces them to stammering idiocy."

Moskal MATH 134

"I want  $z$  in terms of a non-irritating bonafide function."

Froese MATH 230A

"It's really inverted, almost perverted"

Froese MATH 230A

"This is an important aspect of Calculus. To be able to take a hunk of junk and represent it with something nice."

Wainwright MATH 140A

"Got any ideas, or are you completely blown away?"

Wainwright MATH 140A

"Accountants need calculators as much as they need green eyeshades."

Bish ACC 121

"Why do people laugh whenever I ask how the midterm went?"

Allen BUS 111W

## 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

## Something catchy about Elections

### *And why they matter*

As you hold this special Elections issue of mathNEWS in your hand, grateful for something to keep you awake two Fridays in a row, you may wonder what purpose is served by MathSoc elections. "Why," you ask, "should I care?" Well, if you're not a member of MathSoc, you shouldn't, so go read something else. If you won't be here in the summer, Bruce won't let you vote so the entire procedure is only of academic interest (to find out who'll be up to no good behind your back.) But if you are a future summer mathie, there really is more to this than a way to sneak seven issues of mathNEWS out this term. This election will directly affect the quality of your summer.

Let's face it, nobody wants to be *here* in the summer. Summer-time was not meant for school, especially in a place with *no beach*. Nevertheless, you're going to have to do it. (All you 4-stream Frosh, if it sounds awful, well, it is. But at least it doesn't SNOW on you (heh, heh.)) The best way to make those summer months bearable is by having a strong social program.

The executive that *you* elect will determine what kind of social events you have, and how frequently you have them. They will be responsible for keeping MathSoc growing, as a contender with EngSoc (curiously quiescent lately, by the way) as most active society. The campaign speeches and posters should give you some idea of what each set of candidates will be like.

Of course, social isn't the only part of MathSoc activities. The executive also represent you on other campus boards and councils, and at off campus events. They are responsible for looking after your society money, and dealing with faculty and administration on your behalf. This will be especially important this summer, as the University prepares for the first wave from the new four year high school graduation plan. Various degree changes are being considered that will affect all future graduates. A strong executive will be needed to represent the students' interests.

The type of summer you have in 1988, and your representation by executive in future decisions are closely linked. Be sure to get out and vote on Tuesday and Wednesday it's your money, and your future.

Maan & Sauron

*Darryl Ricker*

*Experience:*

- 3A & 3B MathSoc class rep
- co-External rep (a liaison position between the Math students, faculty, administration, and other societies) with vice-presidential running-mate Mary-Jane Verboom
- co-Board of Academic Affairs rep with Mary-Jane
- a really neat person.

I believe that the key issue in this campaign is representation by the best people; that is, those who place the interests of Math students above their own goals and those who present a good image to the various groups with which MathSoc works: students, faculty, administration, and other societies.

Through our proven ability to work together, Mary-Jane and I believe that we can increase the visibility of the Math Society. At the same time, we hope to create an atmosphere in which everyone can have a great Summer '88.

Please get out and vote!

*Mary-Jane Verboom*

*Experience:*

- 3A & 3B MathSoc class rep
- co-External rep with presidential running mate Darryl Ricker
- co-Board of Academic Affairs rep with Darryl
- Math Orientation committee, September '87
- a really neat person

I agree with Darryl that the key to the success of the Math Society is effective leadership. Although the election is on a per-person basis, we feel that teamwork is essential in leadership co-ordination. Therefore we urge you to elect us as running-mates.

If elected, we plan to work together to make the summer of '88 a great time to remember.

Show us your support!

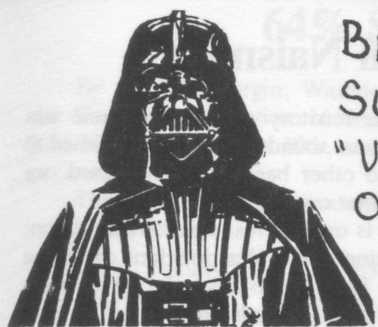
*Tom Vandeloo*

Well, here it is, the middle of November, and what's on everybody's mind? No, not that— summer! Especially around MathSoc, where the MathSoc Summer '88 Exec elections are coming up. And I'm here to ask for your support. I'm Tom Vandeloo, the people's candidate for MathSoc President.

All right, you may well be asking yourselves, "Who is Tom Vandeloo and why is he saying these things about me?" Well, for starters, I've been a class rep for two terms, so I am well versed in the ins and outs of the MathSoc council. Plus, I've been an office worker for four terms. So odds are that I've given you old midterms or shown you where the staplers were at least once. On top of that, I served on the Village Orientation Committee, and the North Quad Council. Not bad for a guy in AM/CS, with a girlfriend, no less. And hey— I even work on and write for mathNEWS. What more could you ask for?

More, you say. Well how's this. If elected I will try to de-emphasize the bureaucracy that so often bogs down the council. I will use every means possible to communicate more effectively the MathSoc council's decisions and announcements. I will push for the use of excess MathSoc funds to benefit all students in the form of reduced ticket prices for ALL campus events. And I will fail Math 234B if necessary to ensure that every Mathie has a great Summer '88 term (if that's not proof enough of my dedication then get this: I gave up an evening with my new girlfriend to write this article!).

So when November 24th and 25th roll around and it's time to vote, remember the name Tom Vandeloo (rhymes with Waterloo) and vote for a fun and exciting Summer '88. And we thank you for your support.



BRUCE, PINK LORD OF  
SUNNYDALE, SAYS:  
"VOTE, PUNY MATHIES,  
OR FACE MY WRATH"

## MathSoc Elections

*Paul Trudell*

Paid for (almost in full) by the committee (person) to elect that bastion of goodwill and balance sheets, Paul Trudell.

A long, long time ago in a galaxy far, far away, there were a race of supra-beings, notorious for their handling of weird numbers and strange names like debit. Now, on this planet, everybody wore corduroy jeans, but one day a rebel came along and started to wear leather everyday. Not being able to handle this constant barrage of leather, the people of Treasuria renamed him Trudell, a terrible insult on Treasuria and blasted him to the Arts Student Union at the University of Waterloo on Earth. Disgusted with the lack of numbers and any reasonable amount of intelligence, Trudell, now renamed again, Paul Trudell, made his way out of Arts Lecture Hall and into MC 3038, where the grateful MathSoc praised him for his defection. Paul, now thrilled with intelligence abounding everywhere, showed everyone his abilities to juggle numbers and all Mathies everywhere rejoiced. "Become Supertez, just like Joel." And he applied.

The rest, as they say, is history.

*John Herbert*

(Pressure. what pressure. I only have to convince you to vote for me in one article. Well, let's see how I do it.)

Hi, I'm John Herbert and I'm running for MathSoc Summer President. Currently in my 3A Teaching Option and promise to give the job my all.

Since 1B I have taken almost every job available in MathSoc including social director, office worker, orientation event director in 1986 and 1987 and representative to the Board of Academic Affairs, Campus Centre Board, the Student Advisory Council (SAC), Homecoming and Canada Day Committees. This term I am 3A class rep, speaker of the MathSoc Council, on University Senate, and Chairperson of SAC. Although my marks have taken a slight drop due to the time these positions take up (sorry Mom), I feel that what I have contributed has made it worthwhile. That's why I decided to increase my involvement by running for president.

(Come on John, this is too boring, even for mathNEWS. Tell them what you can do as president.)

The MathSoc president must be able to deal with all the factions of UW. My past experience with the University and the Math Faculty can only be advantageous to getting result in favour of MathSoc. And I feel most Math students know they can approach me since I am continually in the office and am easily recognizable. (i.e. the one wearing the VOTE JOHN HERBERT FOR PRESIDENT! sweatshirt.) Even as president I promise to make myself as available and involved as possible. (That's why I took a light summer course load.)

(Readers are getting tired John, so summarise. NOW!!)

In summary, I, John Herbert, am running for MathSoc Summer President since I have the experience, devotion, innovation, desire, and stamina to do a damn good job. So vote early, vote often, vote John for Prez Tuesday and Wednesday.

## An Intuitive Proof

*Required To Prove:*

Is Boudreau the best choice for Treasurer.

We think he is the best choice. He's a great judge of character, I don't think he's ever lost a game of Keener Bingo. He also has a great mind for figures. "36-22-36 is always nice, don't get me wrong, I'm not a chauvinist, 40-48-40 isn't bad either."

But, Marc is treasurer; things will get done in MathSoc (that will be a good change). He'll bring some new ideas into MathSoc (we all know how much that is needed). He'll push for more MathSoc events (Rocky Horror again, ski trips, pub crawls, Blue Jays games, and whatever else you desire!!!). Therefore there is no doubt, Marc Boudreau. Be the one for the dough!!

Q.E.D!!

(? here is no contradiction to this proof!).

*Craig Cudmore*

Good morning, boys and girls. My name is Craig. Can you say Craig? I knew you could! Welcome to my neighbourhood, boys and girls.

*What is this?* Someone's been tampering with my word processor again. Those responsible have now been sacked.

Anyways, let me begin by introducing myself. I'm Craig Cudmore and I'm running for the position of Vice President of MathSoc for the Spring '88 term. I am presently in 2B Math/Business, and I hail from London (the real one—London, Ontario).

A spring term at U(W) is a unique experience and, as such, it requires unique people to make it more fun. If a great spring term is what you're looking for, you can start making your plans now by casting your vote for me.

And Now, the man Siskel and Ebert give two thumbs up to . . . Craig Cudmore!

Now for the serious side of my spiel. One of the most important duties of a vice-president is as a liaison between MathSoc and other organisations to create a cohesive student body, and to involve MathSoc in exciting campus-wide activities like the Canada Day celebrations during the spring term. I feel that I am uniquely qualified to fill this order. Besides working with MathSoc, I have been extensively involved with other campus organisations such as Village councils and the Homecoming Committee. I have learned the ropes in dealing with other groups, and I will be able to effectively represent MathSoc, as well as the entire Math faculty, as a terrific bunch of people.

Working within MathSoc, I feel that I would be an asset to the spring council executive. I was a member of the Math Orientation Committee this past September, and I have worked closely with people that have held positions in MathSoc before. These people have provided me with a wealth of insight into the inner workings of MathSoc, could be put to good use.

In conclusion I would like to encourage everyone to take a few minutes of their time on Tuesday or Wednesday to vote. If you want a good spring executive, you have to get involved. Start your involvement by casting your ballot for me. Craig Cudmore. For MathSoc Vice-President.

## Football : Vanier Cup

The finalists for the 1987 Vanier Cup were decided last Sunday in two very close matches. The McGill Redmen and the U.B.C. Thunderbirds advance to the game deciding the national championship.

Out in the East, the Redmen beat the St. Mary's Huskies 30-29 in a game which saw the lead change hands eight times. With only a few minutes left, the Huskies faked a punt and ran the ball for a 61-yard touchdown, making the score 29-27 Huskies. St. Mary's had the game in hand until, with under a minute remaining, their quarterback had a pass intercepted. McGill promptly marched up the field and kicked a field goal with 5 seconds left, sealing their victory.

On the other coast, the T-birds beat our crosstown rivals Wilfrid Laurier Golden Hawks 33-31. Nevertheless, we'd like to congratulate the Hawks on a good season—better luck next year.

### CFL

The Argos defeated the defending Grey Cup champion Hamilton Tiger-Cats 29-13 in Toronto. They play Winnipeg this weekend to decide the Eastern (?) representative for the 1987 Grey Cup.

Switching over to the West once again, the Edmonton Eskimos defeated the Calgary Stampeders 30-16. The Eks will be in Vancouver to play the B.C. Lions in the Western Final.

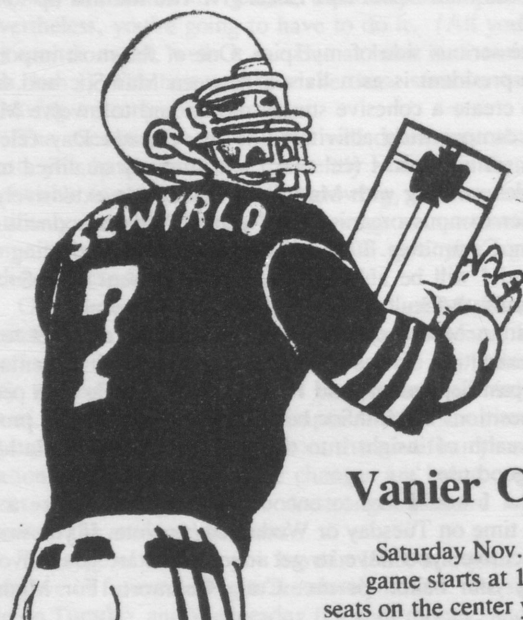
### NCAA

The game of the year, featuring the #1-ranked Oklahoma Sooners visiting the #2 Nebraska Cornhuskers, will be on CBS tomorrow at 3:30. The winner will probably face Miami (ranked #3) in the Orange Bowl to decide the U.S. National Championship, with the loser most likely going on to the Fiesta Bowl against #4 (you guessed it) Florida State.

When the Sooners took on their cross-state rivals Oklahoma State Cowboys, they suffered two serious injuries in their line-up. Quarterback Jamelle Holieway underwent knee surgery on the 9th and is out for the season, and running back Lydell Carr was also lost to an ankle injury. These two were the backbone of the powerful wishbone offence.

The extent to which Oklahoma misses these two athletes was very clear last Saturday when they beat Missouri 17-13. They did win, but the last time the two met, the score was 77-0. The Sooner offence also fumbled the ball 4 times in the first three quarters.

Superdave



## 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

## 20th Annual Naismith

The Warrior Band staked their territory early. The game was sure to be close to a sell out. The fierce sounds of the Band seemed to be scaring off the competition. No other band could be heard, we were definitely going to win yet another competition.

Wait a minute, football season is over. This is basketball season, we can tell you the details of the games. The Warriors fans can come out of the closet now (so to speak). Here we go folks, the real story:

Picture this, game tied 56-56 only seconds remaining, Queens pressing our Warriors to take the win and advance to the semi against St. F.X.. Then there's a fast break, Jamie McNeill takes it down the court and slams it in with one second left on the clock. The Warriors win the game 58-56.

That was the scene in the PAC last Friday. Some were so bold as to say that the Warriors wouldn't make it past the second round. After this first game it wasn't evident if they were correct or not.

We showed up early on Saturday to catch the end of the Acadia/Brandon game. It was a close match with Acadia advancing to the finals. Some said that perhaps the Brandon Bobcats weren't trying because they weren't being paid enough.

Then the Warriors took the court. They trounced St. F.X. 92-75. Everyone in the crowd had a great time, while the Warriors Band, led by Jack Hammer Jordan on Bass Drum, blasted out many familiar rhythms that kept everyone in a rocking mood. I can seriously say that it was the most enjoyable game that I ever attended.

Sunday was the final day. Western beat Regina to take the consolation final. After this was the third place game with Brandon beating St. F.X. by a small margin.

Then the stage was set. Acadia X-men (excuse me, the Axe-men) had just knocked off the defending CIAU champions the night before. They would soon be facing our beloved Warriors. There was a noted lack of ripped up imprints in the air as they were banned. Yes, the officiating was horrid, but even this could not have helped us overcome the twenty-four point deficit that appeared on the scoreboard at the end of the game. Let's face it, the X-men (excuse me, the Axe-men) whipped us good. The final score was 91-67 and the Acadia X-men (excuse me, the Axe-men) won their fifth Naismith title.

Kevin Veinot of the X-men (excuse me, the Axe-men) took MVP honours. Our very own Rob Froese (from Stratford) was voted to the All-Star team (as usual).

Congratulations to all who participated, it was a memorable weekend for me. It looks like the Warriors are going to do well this year, only the Mustangs should give us any competition.

GO WARRIORS!

Basketball Jones



## 64% Say NO

By a 2 to 1 margin, Waterloo students have decided *not* to join the Canadian Federation of Students (CFS). The referendum was held November 9th and 10th, and attracted a turnout of just under 15 per cent.

The results of the referendum are as follows:

Faculty	YES %	NO %	TURNOUT %
Arts	41.2	58.3	8.1
Env. Stud.	45.7	48.8	15.9
Engineering	34.1	65.3	18.8
H.K.L.S.	35.6	62.7	13.1
Ind. Stud.	33.3	66.7	4.9
<b>Mathematics</b>	<b>31.3</b>	<b>68.0</b>	<b>21.2</b>
Optometry	30.4	69.6	19.2
Renison	44.4	55.6	4.1
St. Jerome's	42.1	56.6	12.1
Science	36.1	62.9	16.4
Co-op mailout	31.7	66.9	16.4
<b>TOTAL</b>	<b>35.1</b>	<b>63.6</b>	<b>14.6</b>

Note: spoiled ballot % not shown.

Congratulations to the Math students for the highest turnout on campus, over 21%!

Ross Orrett  
Chief Returning Officer  
Federation of Students

## A Student's Worst Nightmare

### *The Sequel*

The CS 452 and 488 students, guests at the unveiling, stared with some trepidation at the new machine. The Hudson's Bay Vending colours sparkled, and a profusion of tubes lurked behind the spotless glass. The pneumatic door seemed to hum eagerly in readiness. The display read \$0.95.

Jeff, a CS 452 student, stepped cautiously up to the machine. He put in 95 cents, and eyed the buttons on the selection panel: "Anchovies," "Double Cheese," "Olives" and "Pineapple." Jeff pushed "Double Cheese" and stepped back.

WHOOSH! The pneumatic door sprang open. Above, a pasty white substance was squirted onto a silvery platter. Suddenly, with the speed of a guillotine, a cutter hurtled to the plate. Paste flew, and then there was only a triangular wedge left. The tubes jerked into motion.

FWUSH! An orangy red film was sprayed onto the wedge, followed by BA-DUM-DUM! a burst from a twin barrelled howitzer that could only be the cheese gun. SCHPLOP! SCHPLOP! SCHPLOP! A fat black tube dispensed dollops of reddish substance that solidified into pepperonish shapes. THOCK! THOCK! THOCK! A swivel-mounted gun spotted the surface of the wedge with brownish chunks of pseudo-fungus. The platter glowed redly as heat was applied.

The company executives leaned forward gleefully as the guests of honour watched in horrified anticipation. Abruptly, the platter flipped over and the concoction landed upside-down in the delivery bay. "THANK-YOU" the machine sneered. As the door snapped shut on Jeff's hand the company executives smiled. The world's first Pizza vending machine had claimed its first victim.

Sauron

## CSC Flash

The Computer Science Club is proud to announce that we now have a powerful multi-user computer with over 260 million bytes of disk storage in two very impressive-looking boxes, 16 megabytes of internal swap space, and a powerful, yet compact version of the Unix operating system.

Accounts on this super-computer are available free to all CSC members. We will soon be offering mail and news services, as well as generally free computing time. All of this at a cost of \$1 for the term, compared with the \$30 per month charged by DCS.

By next term, we will be offering extensive services to members, quite possibly at an extra cost. (We have to break even on our costs). But THIS term, you can still get an account for only \$1.

On to other exiting topics. Last weekend, we held our world famous Fourth Annual CSC Computer Othello Tournament. After a day of intense competition, Terry Vanbelle, a frosh, emerged victorious over entrants from all other years. Congratulations to Terry for his success.

A hint to all the Mathsoc candidates out there: we need more space! We frequently have 10 or more people crammed into our office, and, while there is some satisfaction in setting new records for telephone-booth stuffing, with the new equipment it becomes less comfortable. If anyone has extra space, please tell us. We'll take it by the square inch.

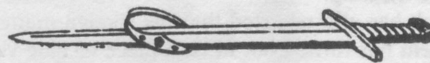
Calum T. Dalek

## Millstones

**Assassinated:** Bruce Boulding, brutally gunned down in the prime of his Math 230b course. Bruce is survived by one Rec student and a whole passle of bylaws. Bev Marshman gave the eulogy.

**Formed:** The WTW (Water Terrorists of Waterloo). One successful mission already carried out (see above.) Have you got a problem you need excised? Contact the M-team at MathSoc.

**Moving Up:** mathNEWS staffer Tom Vandeloo, trying to escape our grasp by running for MathSoc President. If we didn't have to be impartial, we'd encourage you to vote for him, and rid us of the pleasure of his company. But of course we do, so we can't, and we won't. (Pretty suave, eh Tom?)



### IMPERJUMS TO ORDER

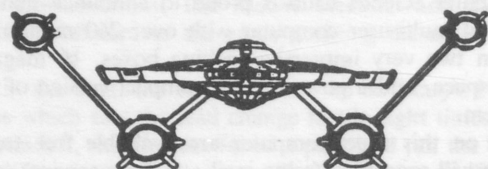
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# STAR



## TRUDGE

### In The Search of A Saboteur

(theme music)

Captain's *In* watdate 871120.69: As the *wat/n* system has been down since our last mission, all of the *Ins* from the previous mission will be now *Ined*.

Captain's *In* watdate 871115.44 appended to watdate 871120.69: We have just received orders from the Wateration to proceed to the Conestoga Mall. Watfleet Intelligence has discovered that the Laurigons and the Guelphulons are having a secret meeting there. Our mission is to discover the content of their discussions.

Captain's *In* watdate 871116.28 appended to watdate 871120.69: Mr. Yahu has assumed orbit around the Conestoga Mall hiding behind an orbiting VW. We are waiting for the appearance of either the Guelphulons or the Laurigons. A commendation is recommended for Mr. Yahu, since he can now assume standard orbit without having to work anything out.

Captain's *In* watdate 871116.54 appended to watdate 871120.69: Mr. Shlock has discovered the problem with the *wat/n* system. It appears that some foreign matter has gotten into the system, and the foreign matter has been sent to the math department for analysis. Shlock has estimated that it will be 4 days before the *wat/n* system is operating.

Captain's *In* watdate 871118.33 appended to watdate 871120.69: Guelphulon and Laurigon ships have assumed orbit around the Mall, and transporter activity has been detected outside of the Transmitter Hut store. Mr. Shlock, Mr. Scotch and myself are going to beam down to listen in on the meeting.

Mr. Shlock has also reported that the foreign matter discovered in the *wat/n* system has turned out to be a piece of blue velvet. A security team has been dispatched to discover the identity of the saboteur.

Captain's *In* watdate 871118.40 appended to watdate 871120.69: I'm entering this visual from the dramaticam (you know, the bridge camera that records only the most exciting shots) so that future starship captains can see a good example of a decisive captain in action. Pay attention, Cadet Pickhard.

"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?"

"You can't come along this time, Boner. You're a Laurigon, originally. Even though you had the sense to join the Wateration, you might be biased. Stay here and practise surgery on Gorbachev."

Captain's *In* watdate 871118.47 appended to watdate 871120.69: After beaming into the Mall, Mr. Shlock, Mr. Scotch and myself found a position outside of the Transmitter Hut, where we could hear the meeting between the Guel and the Laur.

After listening for several minutes, we were puzzled to the exact content of the discussion, but after a suggestion from Mr. Scotch, we determined that they were playing poker. After further snooping, we discovered that they were playing poker to settle disputes over the borders between their two empires. Discovering the true purpose of their game, we turned to silently sneak away, only to find ourselves looking up the barrel of a Guelphulon 254 F.A.C.S. rifle.

We were taken to the card game, and the players decided to play a game to decide who would be able to have the pleasure of boring us to death, by reading from the entertainment agenda from the respective empire.

Fortunately, we had Chief Mathematician Scotch with us. To save the day, he assumed, like all mathematicians do, all of the playing cards blank, the Guel and Laurs' weapons to disappear, the capital of New York state to be Brantford, and that he, Mr. Shlock and myself were aboard the *Watprise*. Once on board, we warped to Wateration Headquarters and gave our report.

Captain's *In* watdate 871120.89 appended to watdate 871120.69: The trial against Lt. Frank Booth, Serial #06210311 was held today. He was found guilty of sabotaging the *wat/n* system. Sentencing has been delayed pending psychiatric evaluation.

(theme music)

Zor Kahn

## Ultra Classified

Everyone is invited to the end of term MathSoc pub sponsored by the Pure Math Club. That is if they don't come and pick up their cheque.

Joel the crazy MathSoc treasurer

For rent: There are literally square inches of space that are not covered with computer terminals. This is a limited time offer. Go to the CSC office for details.

I apologise profusely to my fellow members of *mathNEWS* for being with my girlfriend in Stoner Creek instead of being at the Naismith and understanding Monday's Word(s) of the day "Hair Club For Men".

Bailor

(Ed note: If you don't understand what this means, don't worry - we don't either.)

For Sale: Quarters. Twenty-five cents apiece this week only. See Frank X. for details.

KLANG

KLANG KLANG

KLANG

THWACK!!!

Found yer brain. Left it under the third building from the left.

Wanted: One extra-strength reinforced curtain rod - needed by Dec. 4. Call Pretz & Joel.

Sauron (the mighty) expects to be left strictly alone next week. Those who might have other ideas, thanks but no thanks. Maybe I'll go to the basketball game.



## A Day In The Life:

### ARTS

This week we listen in on a conversation between a first, and a second year student. Elmo is in first year, a non-specialist, and he is having a rather difficult term. Joanne is in second year majoring in Anthropology. She doesn't really care how well she does, she's here just for the social life and to get a husband.

As we approach them Elmo is somewhat distraught. He is rummaging through his knapsack, and can't find what he's looking for. The conversation proceeds;

"What am I going to do? I can't find my stuff anywhere." Elmo asks.

"Did you, like, try, like, the back part of your, like, Knapsack?"

"Now that's a rather brilliant suggestion, you should go on "The \$64000 Question", you know the old TV show, topic: the bleeding obvious."

"You know, like, I don't have to, like, take this, like, abuse from you."

"I'm sorry, things have just been getting to me lately. I have a Finger-Painting 101 exam tomorrow, and if I don't get them soon I won't be able to cram for it. I just know I'll fail it."

"I'd let you have some of mine, but, like, I only have, like, two left, and like, I have an advanced Read-The-Clock exam the day after tomorrow, and like, I'll, like have to, like cram for that one. I know how you feel about the Finger-Painting exam though. I took the course last year, I nearly failed it. The prof. didn't like me eating, like, the paints, like, all of the time, you know? Hey who do you, like, get yours from?"

"T. Neale is the man, he wears a yellow lab jacket. Did you hear what he did to the guy that supplies them over in the Engineering faculty?"

"No. What did he, like, do?"

"He went up to him in broad daylight, and he took the stuff away from him. Cause Neale is the man. Let me tell you it was beautiful."

"Oh, I, like, think I know who he is. They call him the yellow man, like, don't they?"

"Yeah that's Neale all right. Hey there he is now." and Elmo ran off after Neale.

"Neale, Neale", Elmo yelled.

"Go away" said Neale.

"What?"

"Do you see that man in the trench coat over there? Well I think he's with campus security."

"No, no, thats Mr. Kababeebalieflesh, he's the dean of the math faculty."

"Oh, then I guess I can talk. What do you need today?"

"I need some study aids because I have a big midterm tomorrow. I am somewhat frazzeled, and I have to cram for it."

"You're in luck. I got some from that engineer that wears a cowboy hat, I think they call him the Beave."

So the deal was made, and Elmo went off on his merry way to study for his exam.

Clive Diphthorpe



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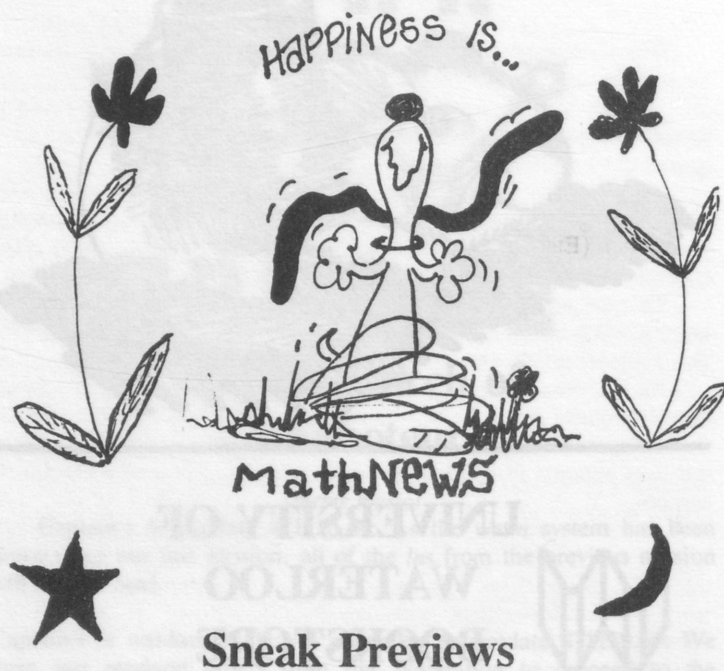
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## Sneak Previews

### What to Expect in Today's Imprint

In a couple of hours, that paragon of journalism, the Imprint will be hitting a paperbox or floor near you. The staff of mathNEWS have been privileged enough to get an exclusive, pre-publication look at this week's edition. So we present to you a few of the fun things you can expect in Imprint today.

- A special feature on the proper taping procedure for hamsters.
- A Pilgrim's Perspective looks at born-again professional wrestlers for God.
- The terrible tale of *Revenge of the Nerds*— a group of enraged engineers blow up Linda Frum's volkswagen.
- A new weekly column— *A Red Light* examines the hardships of closet communists living in a western democratic society.
- The ARTS page gives a scathing review of the latest Festering Sneakers concert held this past weekend.
- The Sports section offers 101 reasons why the Warriors lost the Naismith (as they predicted).
- Tom York talks about the exciting, new features of the 1988 Oldsmobile line.
- Laugh it up with *The Fed Page* as they attempt to find out what's playing at Fed Flicks this week, with hilarious consequences.
- Adult entertainment at it's best with the *Opinion* page, as the editors discuss topics for mature audiences only.
- *Waterloo Wit* is back, as the Waterloo Duck gets run over by a Food Services van.
- *WPIRG* looks at the social activist group People Without Furniture.
- This week's *Campus Question*: What's the best way to cure a really bad case of athlete's foot?
- The *Vegetarian World* offers helpful hints for having a really fine meatless barbecue.
- Challenge your mind with *Dissonance*, as you try to find out what they are actually supposed to be talking about.

All this and more in this week's Imprint, coming soon to a dispensing unit near you.

Ty Pickup

## Top Ten Methods to Pass Time in Friday Morning Class

- 10) Take down notes.
- 9) Count the number of burnt out light bulbs in the room (especially if you are in MC2065 or MC2066).
- 8) Write letters to your Parents (Stuff like lying about how well you are doing).
- 7) Play Keener Bingo or Prof Football.
- 6) Write love letters to your boyfriend/girlfriend (Stuff like you are the only one, etc.).
- 5) Ponder the meaning of life, and why you are in that class.
- 4) Write love letters to the boy/girl/both that you have on the side (Also saying that they are the only one, etc.).
- 3) SLEEP
- 2) Write hate mail to your favourite (name withheld).
- 1) Read mathNEWS.

HobGoblin

## In The SAC

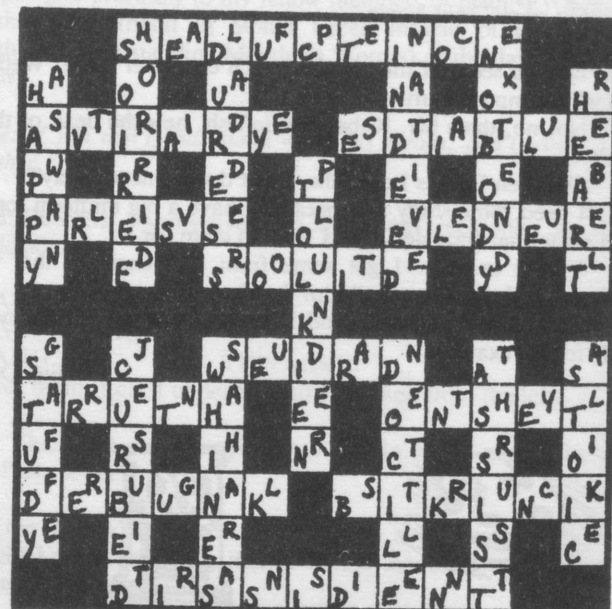
Well, we are all getting kind of excited in the SAC as we work up a sweat trying to get things completed with CECS before the end of term. We received 557 back-to-campus questionnaires out of the 2200 students who should have received the form. Common Mathie complaints were too many CS hack jobs, poor communication between coordinators, employees, and students, and the time constraints put on students. Believe it or not, Cooperative Education and Career Services are sincerely concerned and anxious to tackle these issues. Time will tell though.

CECS is also willing to allow the returning coop students to fill out an evaluation of the job they had just completed. These evaluations will be stored in the society offices for use of students who are choosing and ranking jobs. CECS also wants to keep a company evaluation in the Career Information Centre in Needles Hall. This is something every cooper has wanted since the first operator job, and something you can look forward to in May.

TTFN

John Herbert  
Wayne Feick  
Amit Parghi

## Grid Word Solution



## mathNEWSquiz #6

(Or: So That's The Ticket)

The mathNEWSquizmaster is quite pleased this week. After weeks of ranting on about the lack of submissions, we tried something daring and new—namely, the three-section, twelve-question format. Seeing as this was one of those rare occasions where mathNEWS comes out two weeks in a row, we expected a rather slow response for quiz answers—in fact, we even considered holding off on the answers until Issue #7.

But lo and behold, look at this. We had a total of 9 responses—somewhat remarkable, considering there were only 3 days to do them in. Congratulations, squizzers. You've done us proud. (I don't mean to gloat, but be sure to have a peek at the number of submissions for Frank's GridWord.) Let's see if we can do even better over a two-week stretch:

### Massachusetts

- 1) Who is the current mayor of Boston?
- 2) What is the name of the town in which witchcraft was allegedly created?
- 3) Born in Quincy, Mass., he was the last U.S. Republican president born in the state. Who was he?
- 4) Who captained the Boston Bruins to two Stanley Cup championships in the 1970s?

### Laws and Legalities

- 5) What Danish brewery owner was kidnapped earlier this decade?
- 6) What do Kepler's laws deal with?
- 7) Prior to Ronald Reagan, who was the last U.S. President to have two Supreme Court nominees rejected or withdrawn?
- 8) In what two Canadian provinces is it illegal to sell soda pop in cans?

## Waterloo Basketball

*The End of an Era*

After smuggling 30 copies of the imprint into the final game of the Naismith last Sunday, I was informed that if any shredded paper was tossed the Warriors would be given a technical foul.

The game commenced shortly after 2:00 as planned. The crowd was not its usual exuberant self. School spirit was dampened but by no means crushed.

For a long time, the other university's students, and yes even some from U(W), have stated that this university has no spirit. Many students display their spirit by throwing shredded imprints in the stands. It seems to uplift our team while at the same time it intimidates the opposition. A Warrior basketball game is an experience that nobody should miss. It just doesn't seem the same without paper flying after every basket. This is the Waterloo experience.

What I don't understand is why the university can't hire someone to sweep up the debris after the games. Cleaning wouldn't take very long, perhaps two hours for an individual worker. This works out to less than \$500 per season. Compare this amount to the wages of two former football coaches, neither of which give any lectures or teach instructional courses (and they don't sweep either).

This looks very strange when one considers that the football team has only won one game in the last four years while the basketball team has been consistently amongst the nation's best as long as I can remember.

Come on guys, let's get it straight. The Waterloo basketball tradition is something we should be proud to be part of. Let's show the non-believers that we do have spirit.

Gazoo

### History

- 9) What two generals clashed at the battle of the Plains of Abraham?
- 10) Who did William the Conqueror defeat at the Battle of Hastings in 1066?
- 11) Who was the first person to go over Niagara Falls in a barrel, and live to tell about it?
- 12) What is the oldest university in Canada?

Interesting categories, no? Let's look at last week's answers: 1) Yul Brynner (Etc., etc., etc) 2) Only The Lonely (Dum dum dum dum doo doo wah) 3) 0:07 (What else?) 4) Ambidextrous (That's both hands, for the uneducated) 5) American Basketball Association (No, NOT the USFL) 6) 1971 (Yeah, another Bobby Orr question) 7) Vida Blue (That was 1971 as well, folks) 8) Once (This year – fooled you!) 9) Strength (No, "schlocks" does not count) 10) John McCrae (From Guelph, was he?) 11) A Tale of Two Cities (No, not a sale of...) 12) Typewriter (Proprietor, too! Missed that one)

Let's have a big old mathNEWS round of applause for Herc and The Keener, who chalked up 7 correct. H and K are this week's recipients of the mathNEWSquizExpert certificate, and can pick it up in the MathSoc office (MC 3038). Other submitters number Jasmine Rho (7), Gumby and Pokey (6), Mikhail Gorbachev (5), Snark (4), John Roman and David (4), Reach (3), Jim Sankey (1) and Tomas (1). Best results by category: Entertainment (2 by Mik, Snark, G+P, Jas, Reach, and H+C) Sports (2 by Mik) Written Word (4 by Jas and H+C). Good show, folks—let's see if we can do even better this week. This week's quiz answers are due at 6:48 pm on Monday, November 30 in the Black Box in the MathSoc office (MC 3038) or shoved under the door of the mathNEWS office (MC 3036). Enjoy

the nice weather—the snow arrives to stay tomorrow. (Remember, this is all put together Monday night, so my prediction could prove to be wrong!) See you in two weeks, when we got a real neat surprise.

One-Armed Phil  
The mathNEWSquizmaster

## mastHEAD in Space

It is our glorious pleasure to thank the many significant and insignificant (don't worry Bailor I won't list the insignificant) people that have helped us produce another exciting issue of mathNEWS. The lists of our helpful helpers is: Frank & Stuart (are they ever separated), Bailor, David Treble, Tina Mei & Chris Fievoli (Which one wears the pants in that relationship?), Tom Vandeloo & his girlfriend whom he was so happy about last week (I think he still is) Sheila Purves, Rick McTavish, Paul Sauvé, Trevor Green, Steve Butler, Joel Crocker (has the CSC come through the roof yet Joel? Beat them back, man! Beat them back!), Jim Boritz and Ted Timar (where's your couch, guys?), Jennifer Janik, Jeff Smith, and David Blosdale, and Jackie Yang and Martha Halsall for technical support.

It is also our extreme pleasure in thanking Marion and Graphics Services (yes Marion, everything was all right last week), Little Caesar's, DCS, the prof quote submitters, the readers, and the subscribers.

The MathSoc candidates can thank US, since we're doing this out of the kindness of our hearts, and Stuart's gonna miss last call at the Grad Club for this silliness. Ivan says Stuart's got a psychotic look in his eyes ... so what's new? At least he's not breathing through a mask, eh Frank?

Last Issue of the term will come out December 4 ... so the deadline is Monday, Nov. 30. Last chance to make mathNEWS history, with the staff wjj called "different" and "interesting." Remember that any comments about mathNEWS are appreciated, and can be put under the mathNEWS door (MC3036).

HobGoblin

# GRIDWORD

## Cryptic

### Across

- Begs directly and politely (6)
- Evaluate a donkey's curve (6)
- Apart, like below (7)
- Cater to response (5)
- Dyed, doubly-rotated whirlwind (4)
- An old maid reels to start to hesitate (8)
- A child follows a topless bar to the illegal torch (5)
- Gets a mixed performance here (5)
- Punters take nitrogen in their underwear (8)
- Harold loves saint attire (4)
- An animal back at a plaza (5)
- Negatively, one part is offensive (7)
- Southern mountain tops talk (6)
- It's snowy—what a commotion! (6)

### Down

- Design the alien around the sun (6)
- Do a cure for the nation (7)
- The edge breathed heaved, I hear (4)
- Power to rest around by leading, not going to hell (8)
- Legislate, by letter, part of the play (5)
- Positioned anger is ridiculed (6)
- Highly noted talk of energy from fruit (5)
- Reserve foreign currency to keep your place (8)
- A gravity of fifty is our alluring charm (7)
- The abilities of a German soldier surrounding a murder (6)
- It's me, to tell you the truth (5)
- Find welcome, dynamic entertainment (6)
- Representation of one strange game (5)
- What you take when quietly sick (4)

## GridComments 101

or

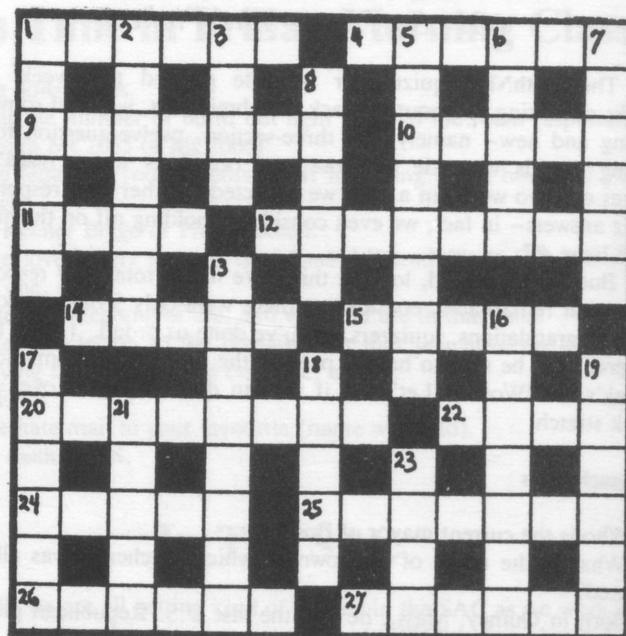
### the return of Frank

Taaarmp .... taaaarmp .... taaaarmp tmp tmp ..... Announcing the triumphant return of Frank, from his previous engagements as the most bizarre leads in two cult classic movies. Oh well. I can hear all of you yelling, "WE WANT DICK. WE WANT DICK." Just hold on to your britches, he's coming up.

This week we have some guest GridWord creator helpers, and yes one of them is Dick Heckstall-Smith. The other is Graham Bonnet. I thank them for a fine meal on Sunday as well as some other strange forms of entertainment (dolls are rather obedient, aren't they).

Anyhoooo, we only had a total of 12 submissions this week. We must not have properly informed you of the deadline for this issue. For that I apologise. Without further ado, on to the winners. The cryptic expertise of ~~Gabhad the Chaste~~ earns him the crown this week, even with the coffee stains. The conventional prowess of ~~Marg & Greg~~ earn them the other crown. They were the only eligible people to submit a correct conventional. The other correct conventional came from last week's winners Anne Marie (hyphenless) and David. The famous mathNEWS black embossed name mentioning for correct cryptic puzzling goes to SMURF, David L Treble, Anne Marie & David (yet again), Dennis Hopper (F.B. to you and me), TOMAS, Jim Sankey, Gumby and Pokey, the snark (*not* boojum). We'll also mention Mikhail Gorbachev for trying his darndest.

Submitter  
Favourite  
What?  
Comment



## Conventional

### Across

- MAD
- COMPELS
- CONTAINED
- ARISTOCRACY
- HAIRLESS
- GOODEN'S FORTE
- INERT GAS
- ECSTATIC
- RANCH
- IMITATE
- TOLERATION
- PLIABLE
- DOMINION
- CASK

### Down

- DRINK
- PIONEER
- AFRICAN RIVER
- RAINWEAR
- HOT DISH
- SLED
- ALLOW ENTRY
- BULLFIGHTER
- WALL COVERING
- VIRTUOUS
- WELL-SKILLED
- THIN LIGHT BEAM
- BRACE
- INFORMATION

This issue's winners may claim their prizes by suitably approaching the types in the MathSoc office (MC3036) and demanding the secret GridWord prize. This week's answers may be submitted in the BLACK BOX in MathSoc or under the mathNEWS office door (MC3036). The deadline for submissions is 19:00 on Monday, November 30, 1987. Note as well that this is the last issue of term in which you can submit and win a prize.

Favourite WAT: WATwidget, wateverfor, wat the f\*ck, certainly not Watman (GGGAAAAGGG), Watman (sniff) (Some how I don't believe you Dave), Watcons, Midterm? WAT Midterm?, What? or watsup, Wat's on second.

Comments: "If coffee be the food of love, brew on, give me excess of it", "beware the boojum", "How can the conventional be harder than the cryptic?" (easy: it only has one clue for each word while the cryptic has two), "Why do I like masochism? It beats me" (Give me a break, C.), "Dam, that was hard", "No CJ, I'm not named after L.H.O.", "blair is a weenie", "Try to make mathNEWS more impervious to coffee—this is for math students after all" (Klutz).

Until my next faithful return, I forever remain yours,

fletniowski