

# mathNEWS 32

Volume 30  
Number the last

final fall  
edition

ARGOS 16

Friday December 3 1982

## DAVE'S LAST RAVE

### THE FALL '82 mathNEWS STAFF

|                    |  |
|--------------------|--|
| EDITOR             | ME (DAVE GRAHAM)   |
| ASSISTANT EDITOR   | FRED THE ED  |
| FORMER EDITORS     | SOMETIMES ME<br>DAVE TILL<br>W. JIM JORDAN   |
| REGULAR STAFF      | SCOTT FEVREAU (FROSH)<br>ROB COOPER (FINE YOUNG LAD)<br>MARK GRAHAM (MATH MODEL)<br>KELLY HOLMES (LI'L SIS)<br>KATHY NICCOLS (AND DICES)<br>MONICA (MY FAVORITE OPTION) OKE<br>JANE ROBERTS<br>SEAN FROSH ROMENCO<br>SCOOTER! (NEVER COULD UNDERSTAND HIM)<br>ROSS (WITH A 'W') BROWN<br>MARK L. KAUNT (FUNNY SPELLING, ISN'T IT ??)<br>DON PARDO<br>CATHY BROWN<br>CAPS<br>JOE AND THE BALANCING BUDGET TRICK |
| LITTLE BLACK LINES | MARK GRAHAM<br>SCOTT FROSH FEVREAU<br>KELLY HOLMES<br>FKO ACINOM<br>DAVE TILL<br>JAMES PUTTICK   |
| TAPE DOWN          | SCOOTER!<br>KELLY HOLMES<br>MARK GRAHAM<br>WOR COOOOOOOOPER<br>MONICA OKE<br>SEAN ROMENCO<br>DAVE TILL<br>WJJ  |
| POP                | SUPPLIED BY STAN<br>(PAID FOR BY THE ASS. ED)  |
| PAIN IN THE ASS    | THE RUN  |
| WARM PIZZZZZZZZA   | PIZZZZZZZZZZA PALACE   |
| COLD pizza         | mother's   |
| CARTOONS           | MOSS BROWN<br>MONICA OKE<br>ED.<br>SCOOTER!<br>EVERYONE  |

As this is the last issue, I would like to offer my thanks to my entire staff for all their help this term. These people are often here until the wee hours of Wednesday morning putting out an issue for your reading enjoyment.

If you know any of these people, please offer them your thanks for their help this term. They gave you something to do during those exciting Calculus lectures, and for that alone, they deserve your most gracious thanks.



### THE INFAMOUS MathSoc WINE AND CHEESE

This is your roving reporter, Buster Hiemann, reporting from the South Campus Hall. The now-famous MathSoc wine and cheese is drawing to a close. You can see all the Artsies and Engineers littering the grounds and the building, and messing up the floor of the Festival Room (Come on guys, if you can't hold your alcohol then don't drink with the Mathies!!)

This reporter would like to commend MathSoc, especially its organizers who wish to remain anonymous at this time. Everyone seemed to be having a great time, due to the price of the wine, twenty-five cents per glass. A note to those of you who stole glasses - they only cost 92 cents, so there! The wine selection was far better than usual, since all wines were imported.

This is Buster Hiemann, reporting from the Wine and Cheese, saying see you at the Watpubs (sponsored by the Co-op Association of Pubbing Students) next term.

You've all been great and I've enjoyed working with you. Thanks again  
Dave Graham

*A real outgoing  
ass. ed.*

*He'll be teaching next term in some high school (he hopes!). We'll give you the address as soon as we get it so you can crash his class.*

## Quiet Persperation

Why the change of title ?? The term is soon to end and we now have exams upon us. From my conversations, I have discovered that most frosh have had exemptions from these dreaded beings while in high school, and thus are not accustomed to finals and certainly not anything of three hours in length. In high school, I wrote 30 finals because our semester system had a "no exemption" rule. Everyone wrote, and I'd like to think it did us good.

The first point is to make and understand a summary of your notes. For example, in Math 134A (prove it don't even know what it means....ed) make sure you understand what congruences are, learn the key theorems and the properties of congruences. The same holds true for Calculus (Calc-useless ??). Don't recite the entire lecture. That's useless and it is a time-waster. Start studying at least a day before your exam, but don't pull an all-nighter, please.

If you can't understand a certain point, start with it in your review. Get in touch with someone in your class...not the class brain...(and not the tutor !!) get in touch with someone on your own intellectual level and between the two of you, the answer can be reached and you might even understand it.

When you write an exam, think of it as a test. You are simply showing what you have learned, and believe it or not, you have learned quite a bit. You're a Mathie, and you are destined to do well. He will guide you...(this is the divine inspiration approach)

Other stuff...the first round of "placements" has been completed and the second rounds might have begun. By my guess, about 45% of first year Mathies were placed. I was one of the lucky ones, but to my left and right friends fell like flies. I started arranging a job back home, which may become two jobs for a couple of friends. From what I've heard, the Kingston area has more jobs than most areas; its unemployment is one of the lowest in the country, and so it may be worth a look. Start visiting companies. Find out about possible openings. Don't go to Inco or Chrysler, as they can't afford co-op students in this economy. Try companies that you have done business with in the past.

*That guy didn't mention that he usually just barely passed courses after only signing his name to the exam paper!*

Quiet Desperation was intended to be a one-term column for helping the frosh in getting accustomed to their new lives in University of Waterloo. However, if sufficient demand exists, it will be continued and aimed at Mathies in general. I have been quite pleased about the support I've received so far; keep those cheques and dollars coming.

Finally, on behalf of the entire staff, including that guy with ORANGE hair, we wish you all the best on your work-terms or your next school term.

MERRY CHRISTMAS or HAPPY HANNUKAH.  
(Whatever the case may be.....)

Should Auld Acquaintance Re For-  
get.....

Scooter!

## Mysterious Frosh

Here we are again, the mysterious frosh, SH and JK, from TABHS with more first year observations.

- Why is the co-ordination procedure so complex? This closely relates to question 2.

- Why didn't we get jobs?

- If Linda L----'s friend, Nancy P---- doesn't stop asking so many questions in PHY121 and MATH130A and MATH134A and cs140 M1 and Physics tutorial (Mon., 1:30p.m.), we the OAKVILLE REPUBLICAN ARMY, will take it upon ourselves to 1) hack off her arms with a rusty hatchet and 2) nail her tongue to the roof of her mouth.

- pseudocode psucks.

Why are the windows in the Superpet terminal room reinforced with wire?

- Am I supposed to be proud that I got 20% on my MATH140A midterm, because I made the median? (Note: that was SH; I'm in dumb math and I did slightly better.....JK).

- Who is the guy with the silver wire-rimmed glasses and brown leather jacket and why does he follow Deb R----- around like a puppy?

- Good luck, everyone, on exams and we'll see you in May (I hope).

Jerky frosh

*Half a year to Ramhadan  
(equal time given to Muslims)*

## Christmas Carols

for Math Fans

### Tune: Santa Claus is Coming to Town

Oh, you'd better take care completing the square;  
 You'd better not try dividing by  $y$ ;  
 'Cause exams are coming to town.  
 We're making a list, don't shake in your boots;  
 Just watch out for extraneous roots-  
 March exams are coming to town.  
 You know you'll have quadratics  
 And exponentials too-  
 You rationalize denomi-  
 Nators like the root of two.  
 So, you'd better be bright and calculate right-  
 You'd better check roots for the one that suits;  
 'Cause exams are coming to town.

### Tune: Jingle Bells

A day or two ago, I tried to solve for  $c$ ;  
 When all the time, you know, I should have solved for  $b$ ;  
 But after many tries, and sessions after school,  
 I utter loud and joyful cries- when I found out this rule:  
 $a$  and  $b$ ,  $b$  and  $c$ - write them on the page;  
 Sometimes put down  $x$  and  $y$ - they seem to the rage,  
 Don't give up- play it cool- make a guess or two,  
 And keep the paper neat and clean, and there's a pass for you.

### Tune: I'm Dreaming of a White Christmas

I'm dreaming of a quadratic, just like the ones in Holt-Reinhart,  
 Where solutions caper across the paper,  
 And make me think that I am smart.  
 I'm dreaming of a quadratic- And to myself each night I write:  
 "May quadratics give you no fright- And may all your answers be right."

### Tune: Rudolph the Red-Nosed Reindeer

Zero, that funny cipher, has a shape that looks like "0"  
 And if you want to use it, there are things you need to know,  
 Never divide by zero; if you do you will be sad,  
 Getting a crazy answer, making your report look bad.  
 But treat zero as your friend- use him carefully-  
 "Safe to multiply or add"- That's the rule for zero, lad!  
 Zero, that screwball number, wants to be a comrade true,  
 But never divide by zero, or YOU'LL BE GETTING ZERO, TOO!!!

### Tune: O Tannenbaum

Oh Geometry, geometry, I have a fearful fear of thee!  
 Geometry, my bugaloo, a subject I will ne'er get through.  
 You keep my brain in dizzy whirls,  
 You're tough for boys, and worse for girls;  
 Oh Geometry, geometry, what Satan's imp invented thee?

### Another Guide to Campus Zoology

#### Campus Centre Pub.

Ever notice that some buildings around U/W could conceivably have alternate uses? (wouldn't one think that the planners had this in mind when constructing them?)

(Bombshelter) -- This area has already been designated as an official fallout shelter (complete with mutants) by Health and Welfare Canada. Euthenasia is already practiced here -- students are put out of their miseries.

#### Here is our latest guide:

##### Needles Hall.

(Needless Hell?) -- This building would make the perfect asylum. Complete with executive offices, and control areas, the many small cubicles could be padded and used for engineering students.

##### Dana Porter Arts Library.

(Arts Library) -- This building is not yet complete, but will be ready for occupation as an underground fallout shelter in a couple of years.

##### Carl Pollock Hall.

(CPH) -- Where the hell is Carl Pollock Hall, anyways?? If anyone can find it, we'll find a use for it.

##### Villanes.

(Village 1 and Village Zoo) -- These are a buy for the enterprising carnival owner. These are natural mazes from which there is no exit.

##### Engineering 1,2,3.

(Enquiqueering areas) -- Sorry, these buildings have been condemned.

##### Psychology.

(???) -- Another natural maze which can be used for behavioral studies on frosh. (wasn't that rats?? - same difference!! -ed) Also has potential in the area of modern torture techniques and brainwashing (demonstrated by the ample supply of labs and observation rooms designed for said purpose, and the fact that the Integrated Studies base of subversive operations reside there).

##### Math and Computer.

(MC) -- This structure could be the focal point of any military command centre. The Red Room could conceivably be the nerve centre of any para-militant group. Large theatres could be used for troop entertainment and the fifth and sixth floor offices could be used as quarters. Secret tunnels enable the mercenaries to move to other buildings so if an attack is pending, they could slaughter the enemy from the rear.

##### Physical Activities Complex.

(PAC (-man??)) -- This is the future site of CNF covered stadium. It is ready for NFL play, and with the wall open, can be used for CFL games as well. (Why can't Condredge Holloway use the telephone? - because he can't find a receiver! - author). The high ceiling is good for those Blue Jay pop flies.

##### Engineering Lecture Hall.

(The Submarine) -- This building can be used as the future NATO headquarters or will be bought by the United States and used as a dense-pack MX missile silo. This has the potential of being a good source of co-op jobs for all the unemployed engineers this term.

##### Security.

(Kampus Kop Shop) -- This area can be converted into the dispatch office of a towing company. Radio facilities are already installed.

##### Central Services.

(Who Cares?) -- The large smokestack can be converted into a large anti-aircraft Howitzer (all it needs is a rotating base). The food services section can be converted from being presently a toxic waste disposal centre to a chemical/germ warfare laboratory. (No major conversions necessary).

##### CKMS.

(94.5 FM) -- This building can be converted into a rest home for criminally insane disc jockeys.

##### South Campus Hall.

(Festival Room) -- This room comes complete with LLA licence. A great place to hold a Mega Wine and Cheese (beware of the comatose bodies).

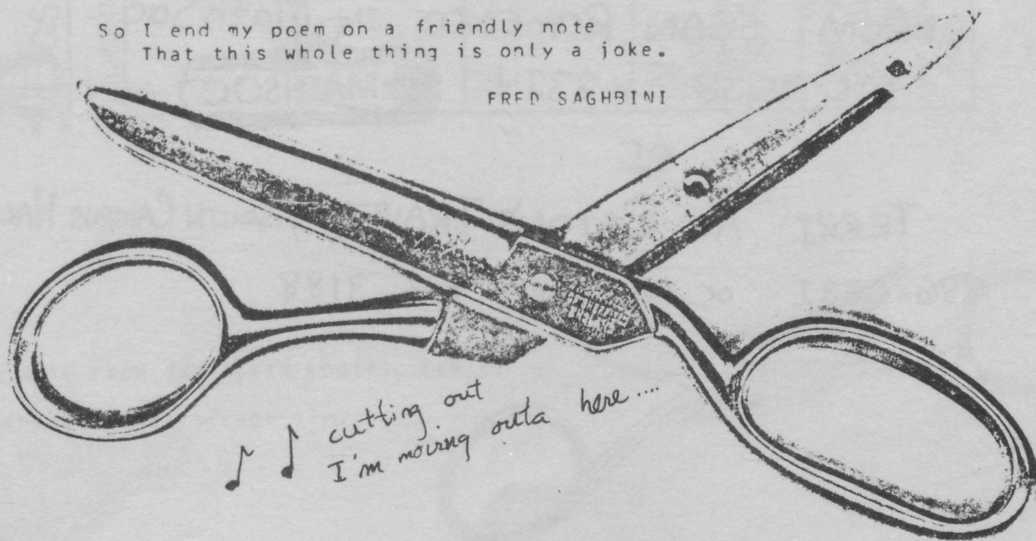
## University Life

Oh what a thrill to leave high school at last  
 Looking ahead to bigger and better things,  
 Much greater than the past.  
 University of Waterloo I hear is one of the best  
 Now here I am, surely they jest.  
 Only the best come here, they come from far and wide  
 Looking around me, I ask myself why?  
 It's an experience, the challenge is the reward  
 Yet the work quickly piles up, no time to be bored.  
 Let's face it, I wasn't prepared  
 Like everyone else, I never cared.  
 High school was easy, fun and a laugh  
 Now here I am stuck in math.

Enough about classes though and back to home  
 I never have spare time, time to be alone.  
 A midterm tomorrow...What can I do  
 Cram in tonight, so what else is new.  
 Peace and quiet, time to study at last  
 When all of a sudden there's a blast.  
 Stereos playing left and right  
 So much for studying or cramming tonight.  
 I leave my floor, South H to be exact  
 And go upstairs to find quiet that's lacked.  
 I'm welcomed and feel at home  
 No need to wander to search or roam.  
 I sit down to study when to my delight  
 I see so many girls, oh what a sight.  
 The time flies, and I have so much fun  
 That I forget the work that must be done.  
 Morning comes and reality sets in  
 As I look to last night, I see what a fool I've been.  
 My midterm was difficult I leave depressed  
 Yet it was easy say all the rest.  
 University life, oh what a time  
 Yet some people like me consider it a crime.  
 Our social lives are considered dead  
 As all the time is spent studying instead.  
 The university's timing is really bad  
 They should have postponed the test, I wish they had.  
 What's quiet desperation they ask  
 Now I can tell them, finally at last.  
 Quiet desperation in my point of view  
 Is university life that's so bold and so new.  
 University life! It's for me  
 Yet I do consider myself lucky.  
 Friends and family backing me up  
 Whenever I'm feeling down or in a rut.  
 University life I feel is so grand  
 Seeing all those people coming out of lectures looking so bland

So I end my poem on a friendly note  
 That this whole thing is only a joke.

FRED SAGHINI



*♪♪ cutting out  
 I'm moving outta here....*

# YES, FLORIDA IS STILL ON!

FROM 384.99 per person, quad

APRIL 24 → MAY 1<sup>ST</sup>. '83

FURTHER DETAILS ARE AVAILABLE

FROM SEAN ROMENCO in Math Soc

MC 3038 x.2324



OR

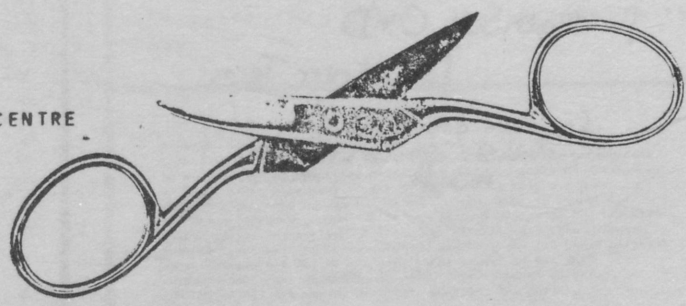
TERRI AT EATON'S TRAVEL, SOUTH CAMPUS HALL

886-0531 or on campus ext. 3188

**Das** DECEMBER 1982 Kälender

| Tuesday  | Saturday   | Monday   | Friday                                   | Wednesday | Sunday   | Thursday                    |
|--|--|--|--|-----------|--|-----------------------------|
| 7  | 4  | 6 EXAMS START  | 3 END OF CLASSES                         | 1         | 5  | 2 Engineering Groundhog Day |
| 14   | 11<br>HAPPY HANUKKAH!  | 13   | 10                                       | 8         | 12 Dave Graham's Birthday (kick an editor today)     | 9                           |
| 21   | 18   | 20   | 17                                       | 15        | 19   | 16                          |
| 28<br>≡ 300<br>Shopping days 'til Christmas      | 25<br>MERRY CHRISTMAS!   | 27 Winter work term officially begins                                  | 24                                       | 22        | 26 Boxing DAY so put on your gloves.                 | 23 EXAMS END                |
| JAN. 4<br>361 days 'til 1984 for you Orwell fans | JAN. 1<br>HAPPY NEW YEAR!!<br><small>Rob Cooper's birthday</small> | JAN. 3<br>Winter work term probably begins if your boss has any brains | 31 NEW YEAR'S EVE - please, don't drive. | 29        | JAN. 2<br><small>20th Sean Borman's birthday</small> | 30                          |

A NOTE FROM THE BIRTH CONTROL CENTRE  
 Celibacy is NOT hereditary.



# NEXT TERM'S WATPUBS

## TORONTO

January 5: The Jolly Miller  
January 12: The Brunswick House

## OTTAWA

January 6: Molly McGuires  
January 13: Stoney Mondays

## MONTREAL

January 5: The Annex on Bishop St. (above  
St. Catherines)  
January 12: Grand Boc Brasserie (across from  
Place Ville Marie)

## CALGARY

January 5: Westgate Hotel on Bow Trail  
January 12: Highlander Hotel - 'The Fling Room'  
(16 Avenue N.W.)

Jan. 1: Las Vegas - Circus, Circus (contact Anne Murphy)

**Additional information will be available at  
the first Pubs or from MATHSOC.**

Publine Numbers will be available at a later date.

**Sponsored by MATHSOC, ENGSOC, THE  
FEDERATION OF STUDENTS AND THE  
Co-op Association of Pubbing Students**

## DAVE'S RAVES

And so the lights go down.....as we ride off into the sunset.....the end is near Oh hell, the term is finally (almost) over and my mind is completely numbed by that thought. You see, as terms go, this has not been one of my more productive ones. Normally, I do work and crazy stuff like that. But between editing mathNEWS and living in a lovely place off campus and finishing my third term in a row....I never got motivated enough to start.

We've reached the (almost) end, boys and girls. According to rumour, we've even learned something (and for some of us, this may be a first!). I have learned to be a little more appreciative of the hard work that many people do for you in this Faculty. My special thanks go to Steve Lightstone who puts more hours into making mathSOC visible on this campus than most of us realize. Also deserving congrats are Steve Wolfe, Joe (and the balancing budget) Geremia, and all the mathSOC council members. Also thanks to my staff for helping me put this issue and many (approx.) more. You've all done a super job and should be proud. Good luck to Scooter! who tries his hand at editing next term. I hope those of you who will be around give him the same support that you've given me.

And so we draw to the final farewell...the tears swell in his eyes....sad faces surround him.....and he bids his readers a last good-bye.....

AREN'T WE MELODRAMATIC ??

Dave Graham

Now accepting resumes  
for positions of

Manager  
Assistant  
Manager

\$\$\$ Paying  
Position \$\$\$

for MathSoc C+D  
for Winter Term

for more details go to  
MathSoc office or C+D office  
MC3038 MC3039

## MEMO

IN REGARDS TO YOUR  
RECENT MEMO





Letters to our Beloved Editor

Dear Editor

When you reply to our letters, please don't call us "Mr. Imprint". There is no "Mr. Imprint".

Imprint

Dear Mrs. Imprint

Please accept my condolences on the recent passing of your husband. I didn't even know he was sick !!

D.C. (Ass) Editor

Dear Editor

I am an Arts student and I seem to have a problem (This is redundant, isn't it ?? ed.) My roommate, an Engineer, has painted his Rubik's Cube white on all sides. He is still unable to get all 6 sides. Sometimes, he gets as many as four but that's it. What, might I ask, has he done wrong ??

Class but no classes

Dear Typical Artsie

Your roommate's major mistake is being an Engineer. Once he gets that fixed, he can worry about less important faults.

D.C. (Ass) Editor

FLORIDA (FORT LAUDERDALE) '83

Despite all rumours to the contrary, the official MathSoc trip to Ft. Lauderdale is still on!

The trip will be from April 24 to May 1, 1983. The following prices include AIR FARE, HOTEL, CANADIAN AND U.S. TAXES (including departure taxes) SERVICE CHARGES AND AIRPORT TRANSFERS IN FLORIDA. The price is only \$384.99 quad accomodation and only \$491.50 for double accomodation. (For the uninitiated, quad means 4 per room ( 2 double beds) and double means 2 per room ( 1 double bed)).

Originally, the required \$50.00 deposit was due today (Friday), but due to mass confusion by the unwashed masses, we have extended it until next Friday. The deposit should be made to either Sean Romenco in MathSoc (MC 3039) or to Terri in Eaton's Travel in the South Campus Hall. Their phone number is 886-0531 or on campus ext. 3188.

Don't delay! Don't miss the event of the term.

P.S. There are a lot of extras available i.e. leave Ottawa for only \$20.00 extra! or - rain insurance!!!

Message from the Incoming Assistant Editor

Is he gone yet ?? Hi, it's what you have always feared... An editor locked in a computer (they call him FRED) and an ass. ed. who refuses to sign his own name to his own work.

Let me explain why I do this...(please- Sir Fred) I have had problems in the past of being expected to know evertthing going on with a body I just knew existed when I joined the group. By not using my real name, people cannot corner me in the hall (don't you have to be in a corner to be cornered ...outgoing ass. ed) and ask me what went on at the meeting of the Federation's Bored of Life on February 30 of last year. How am I supposed to know ?? Try the Feds or Imprint (or even .....the Chevraq) for important info like that. This is mathNEWS and it is by, for, and about math students and faculty, as well as the lesser beings lucky to get a copy.

So, by not using my legal name, I avoid these problems. Also, you are about to discover that I am NOT someone named Mark Kahnt (funny spelling, isn't it ??) This person claimed very early in the term that he was Scooter! in order to draw attention from myself. I don't feel too bad about nicknames now with characters such as Caps, Devo, Big Joe, Lucky, et al running around madly. It's natural around here.

For those 1A's going into 1B, those 4A's going 4B, and all of you of regular, let me know what you would like to see in mathNEWS this winter. I wouldn't mind a few suggestions from those on work-term as well, as I understand many of you are unplaced. I'm stream 8...and not looking forward to it. Until Volume 30 No. 1 of your good friend mathNEWS.....see ya .....

Scooter!

PROFOUND STATEMENT OF THE WEEK

IMHOFF'S LAW

For those who aot jobs

The organization of any bureaucracy is very much like a septic tank..... the really big chunks always rise to the top.

ISSN 0785-0416

A rather irregular publication of a bunch of nuts who refer to themselves as the mathNEWS staff. It is funded by but independent of MathSoc, the Mathematics Society of the University of Waterloo. We're actually nice people, and if you want to help out and sometimes be lucky enough to get free pizza, come to one of our production meetings. Content is the responsibility of the mathNEWS staff, editor, assistant editor, vice editors, sub vice editors, assistant sub-vice-deputy-second-man editors, and the pizza delivery man. Address all (if we are ever lucky enough to get any) correspondence to: mathNEWS, MC 3035, University of Waterloo, 200 University Ave. West, Waterloo, Ontario, N2L 3G1

## OPEN BEER IN THE STREET?

Why not? Carrying hops and yeast openly raises no \$53 questions. Neither does carrying an open bottle of water in the streets. If these things are legal to carry individually, they should then be legal to carry openly and together as The Golden Liquid of Life.

What to say to the officer who catches you:

"Yes, sir, ossifer sir. Anything I can do for you sir? Oh, the bottle. A gang of those crazed Waterloo Mathies were throwing them out of car windows again. Lucky I caught this one, eh? Yes, I agree we should enforce a driving by-law on campus. Have a good evening, sir."

Explain that you're a student athlete participating in the St. Jerome's charity relay race. To raise money, an open beer is being taken around the ring road linking two great Canadian sports...running and drinking. The event is sponsored by Molson's for publicity purposes. Do NOT ask him for a pledge.

Or, you could nonchalantly walk straight into the cop. Faking blindness, assume karate positions and yell: "GET THE HELL OUT OF MY BATHROOM!!"

Later, explain that you were having a drink while reading your Braille Bible and then, heading for the bathroom, you must have accidentally gone out the front door. Apologize.

Another way of covering yourself:

Tell the kop that you're a Waterloo Math Student, a burgeoning member of the intellectual elite and that this status allows one to transcend the stifling prude, reactionary laws of a repressive backwater community. Haughtily inform him that you do not deign to sneak to him anymore, turn the corner, run like hell.

How about pretending you are someone else?

Tell the kop that you're a Waterloo Engineer, and he can shove his laws where the sun don't shine (a typical engineering comment). When he takes you to the station, tell him that the President is an Engineer and he would never let this type of low-life situation befall his glorious engineers. Don't expect sympathy.

Or tell the kop you're a Waterloo wReck student and simply jog away.

## MASTHEAD (KETCHUP)

JUST WHEN I THOUGHT

I COULD USE THE TYPE-  
WRITER FOR THE FIRST TIME  
all term --- the ribbon dies...  
the stay of my life...

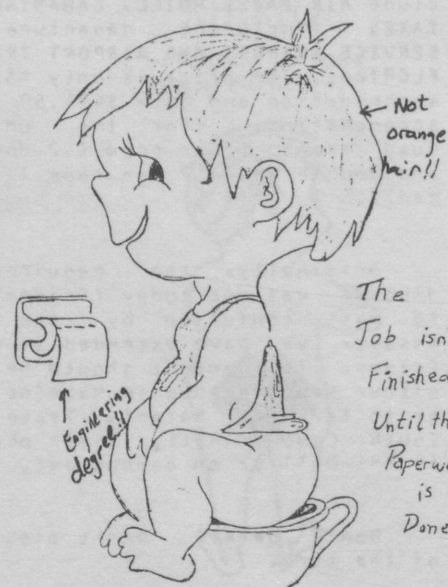
Two essays due in two days  
and what am I doing?? Having  
fun!!

Since this is my last MASTHEAD,  
I should probably get emotional  
and start crying & stuff but  
that's too much HOLLYWOOD...

So I'll just say Thanks to

Jane Roberts (who can't spell  
Massense), Scotter <sup>et. al.</sup> the thing  
below this, MONICA who's asleep  
by now, Mark & his dumb comics,  
Kelly and her little black lines...  
Rob Cooper, who calls me "TAPE",  
for the Calindir, Sean, Frosh & James for  
their help

Me, I'm Dave Graham & I'm  
tired & I'm out of room!! Bye Bye  
Dave!!



Thanks Sue C for being here a week  
ago!!  
Dave.