

Make Yourself Heard ...

FED. COUNCIL ELECTIONS NEXT WED.

Following are the names and phone numbers of the candidates running in the Federation elections in the Regular Math Constituency, to fill three seats:

Greg Bewsh, 884-5848
Andrew Haycock, 1-621-2115
Mary Lynne McAndless, 579-2917
Lynn Solvason, 884-3962
Alex Stirling, 884-2253.

The Math Co-op seat has been filled by acclamation and is held by Bert Rutledge, tel. 884-0035.

Telephone numbers are being given so that you may phone the candidates to ascertain their reasons for wishing to represent you on the Federation.

MEET THE CANDIDATES

There is also planned a "meet the candidates" panel session to be held on Monday, Feb. 26 at 12:30 in the math lounge

on the third floor of M&C. This will give the students the opportunity to hear the candidates' platforms and the chance to ask any questions that they may have.

WHAT IS THE STUDENT'S COUNCIL?

The Student's Council is the governing body of the Federation and its functions include upholding the objectives of the Federation, administration & control of finances and control of all Boards & Committees. It consists of representatives from all faculties.

ELECTION DAY

The Federation of Students is for you -- Election will take place on WEDNESDAY, FEBRUARY 28, 1973 from 9:30 to 4:30 p.m. in the main foyer on the third floor -- So be sure to vote for the candidate of your choice.

math NEWS

SLIDING DOWN KAUFMAN:

MATH WINTER WEEKEND II

All pub dances have advance tickets available in the Mathsoc Office NOW.

THURSDAY free afternoon Pub CC

EVENING Grease Pub with Percy and the Teardrops

FRIDAY Gauss Lives Pub CC

Gauss died on February 23, 1885, this pub is in his honour. Faculty has been invited so skip a class.

EVENING Pub Dance with JASON

SATURDAY Pub Dance with YUKON

SUNDAY Toboggan Races at Kaufman Flats 2:00P.M.

Free Bus service will be provided from Math Building parking lot from 1:00PM until 2:00PM. A Sound Truck with lounge, refreshments and food will be there at 1:00PM. Toboggans, disks and turning sleighs will be provided free. There will be prizes and trophies.

a news weekly
published at the
University of Waterloo
Friday, February 23, 1973
Number 5

Ten events have been organized involving toboggans, sleighs and disks:

- 1) Mens Downhill Toboggan
- 2) Womens Downhill Toboggan
- 3) Couples Downhill Toboggan
- 4) n-tuples Downhill Toboggan
- 5) Downhill Turning Sleigh
- 6) Slalom Turning Sleigh
- 7) Downhill Disk
- 8) Slalom Disk
- 9) Trick Toboggan
- 10) Trick Slide (on your ass for instance)

Individual and event prizes will be awarded, including a trophy for the top winner of the day (mens and womens).

WEDNESDAY FEBRUARY 28

Cross Country Ski Trip
Formosa Spring Brewery

Math \$2.00

Others \$4.00

(bus with washrooms)

All equipment supplied. Leave 8.45AM return 7.00PM. Tickets are still available!!

sound off :

INTELLECTUALISM VS. NATIONALISM

With Canadian nationalism now in the vogue in this hallowed land, which we choose to call our own, elements within the university community have not been immune to its wretched clutches. Briefs have been written; committees have been set up; the much-touted 85% Canadian quota campaign is being waged; and petitions are being circulated. The perpetrators, self-proclaimed, enlightened individuals, have set forth to save the unsuspecting university masses from the "takeover".

In an attempt to get somewhat of an impression of the issue on this campus, mathNEWS talked to Jerry Malzan, an assistant professor in the Department of Pure Math. Malzan is chairman of the National Canadianization Committee (NCC), a national organization claiming 8 members. The NCC is dedicated to rectifying what it considers to be "a ridiculous situation", in Malzan's words, on Canadian university campuses. That is, they take issue with the number of members of university faculties who lack a "made in Canada" seal. Malzan sees as a solution to this "problem" the immediate stoppage of hiring of any new faculty on Canadian campuses save for maple leaf-bearing individuals. Prof. Malzan, in a thoroughly discusted tone, remarked that, "Approximately 50% of Canadian and Ontario faculty positions are held by persons who are not citizens of this country!" Statistics Canada figures reveal that, in 1971, 62% of full-time professors in Canadian universities were Canadian citizens; 15% were Americans; 10% were British; and the other 13% were from other countries. Recent U of W statistics for this school year show that 60% of the 706 faculty members at this university are Canadian citizens, Americans having declined to 17%, British 12%, and others 11%.

Malzan's solution to what he considers to be "an alarming situation", to immediately stop the hiring of all non-Canadians, seems unrealistic to this reporter. Surely it is "logical" to employ a person because he or she is the best one for the job--not merely because that person is of Canadian citizenship. Let us allow competence to be the main test in university recruitment and appointment. Effort and performance must be the crucial factors, not the origin of the people hired. May I ask why it is that Canadians should need the added bit of protection in the form of citizenship? Is there some reason why they can not compete not only with each other but with others from the world over?

What is Canadian physics? Canadian algebra? Does one's national origin affect one's ability to teach such subjects? Take mathematics as a subject close to home.

Consider who you would sooner have teaching you that calculus course--someone who can furnish a "born in Moose Creek, Ont." label, a shiny new Phd and who does not know the first thing about teaching, or, rather, someone from Stockholm, Melbourne, Tokyo or London, perhaps world-renowned in his field, who exhibits an adequate teaching technique. Surely the choice is not that difficult a one to make.

As you may have already gathered, this reporter can find no sympathy for claims such as those of Prof. Malzan which I see to be based solely of the grounds of petty nationalism. Fortunately, others feel the same way. A number of public and government studies have been conducted. In 1971, the Alberta government met the cries against hiring non-Canadian faculty by appointing the Moir Committee. The committee concluded that while urging Alberta universities to make more effort to hire Canadian profs, it rejected any quota system for foreign faculty, as well as suggestions for non-university watchdog committees to screen appointments. The committee remarked, "We are interested in encouraging Canadians not discouraging non-Canadians. We are unimpressed as well by the extreme nationalists who regard non-Canadians--and especially Americans--as the destroyers of all that is good in Canada and perpetrators of all that is bad." The committee concluded that the law of supply and demand must be permitted to operate and that status and reward must be on the basis of performance. Earlier this month, McMaster University submitted a brief to the Ontario government opposing any legislation designed to pressure universities to hire Canadian scholars. That university's administration noted that "hasty improvisation to meet pressures of cultural nationalism could lead to the long-term erosion in university quality." Indeed, the Ontario Human Rights Commission has taken a stand on the matter. It takes the position that the choice of university faculty in Ontario may not be influenced by a person's Canadian citizenship or landed immigrant status. Malzan, on behalf of the NCC, responded to the OHRC stand. In a written brief to the Ontario Select Committee on Cultural and Economic Nationalism, he made the challenge that Canadians should hold most university jobs and challenged anyone who thought he was contravening the Ontario Human Rights Code to take him to court. His brief, permeated with discharges of such gems of rhetoric as "the cutinous, gullible belief that we, in our poor intellectual infancy, might attract from abroad a lot of academic chic", in this reporter's opinion, does little to add credence to his campaign. Granted, such outbursts of nationalistic trivia may appeal to certain flag-waving individuals, but have little worth to the majority.

In short, may I simply ask that competence and ability be among the primary requirements in university hirings and that, what amount to prejudices based on nationalism such as those favoured by the NCC and its advocates, be laid to rest under some appropriate maple tree.

CLASSIFIED

- FOR RENT: Townhouse in Lakeshore Village from May 1 to August 31; 3 bedrooms, one double size; furnished; broadloom; cable; all kitchen appliances; parking; electricity and water free; only \$188/mo.; phone 884-2524
- FOR SALE: 2 Michelin XAS, 165 HP 15, steel belted radial ply tires; tubes; less than 2000 miles wear; phone Bill at 742-7548
- NEED HELP? I can tutor in any undergrad pure math course. Leave note on office door 3045. Dean Hoffman
- CIRCLE K is sponsoring a Sleigh Ride for mentally retarded children of Saturday March 3rd and a card party for senior citizens on Wednesday March 14. Any students interested in helping at either of these functions should come to M&C 3040 or call ext. 2326 for further info.
- IF YOU THINK THAT THERE'S MORE TO MATH THAN MATH, TRY RUNNING FOR MATHSOC PEP
- YOU'LL FIND IT under the APL console in the Red Room; outside Rm. 2066 amongst the greenery; in the Honeywell room under the clock (for those wishing to relieve frustrations).
Sweet Dreams! Johnny Reefersed
- ARE YOU POWER-MAD? RUN FOR MATHSOC PEP

MATHSOC
ELECTIONS:
WHY DON'T
YOU RUN?

- WANTED: A couple who like to make love in a vat of grape juice, underneath a wet horse. Please, no weirdoes.
- QUOTATIONS received telepathically, our choice of author, send 15¢ to MN, GS, DM, KL, JM Inc., S4, 2nd Floor Lounge, V1.
- DESOLATE, virile, bachelor drug fiend craves (fair-excellent) sex. No cadaver's please. Phone John 884-5999
- STRAIGHT, male friend of dope addict needs female(s) to participate in endurance experiment. Comfortable and pleasant conditions. Phone Ken 884-5928
- ANYONE interested in placing a smouldering celluloid strip in the babbling brook's left (or right) nostril may contact the Nudesmaker Monday night after the moon set on the seventh floor of the Math Building. Please come in your witch's (or warlock's) garb as this is a DRESS rehearsal.
The Masked Marauder

ADS ARE***FREE***. Send them to mathNEWS, c/o mathsoc office, M&C 3038. Or drop them in at the mathsoc office, anytime.

NEW DEBUG HOURS

	SUNDAY	MONDAY THRU FRIDAY	SATURDAY
MATH AND COMPUTER BUILDING	10:00 AM TO 10:00 PM	8:30 AM TO 10:00 PM	4:30 PM TO 10:00 PM
ENGINEERING	CLOSED	8:30 AM TO 10:00 PM	CLOSED

math ETICS

Hockey...

REG. MATH FINISHES SEASON UNSCATHED

Two more victories this weekend have propelled Reg. Math to their second straight undefeated term and they will now await competitive hockey play downs slated to begin next tuesday.

BERRY SHUTS OUT SCIENCE

Sunday night at the Moses Springer, Math ran into a determined Science squad that never stopped trying right to the final bell. Backed by staunch netminding of Wayne Sesson, Science held the powerful Math attack to a mere 3 goals but they failed themselves to dent the armour of rookie Pav Berry in the Math cage. It was Berry's second straight shut-out since being recalled from Math I. Ted Smandych, Rob Madeley and Rod Tanaka handled the scoring in a well played hard hitting contest.

SUMMARY

1st PERIOD Reg. Math -Smandych (Wetmore, Raccioppo)

Reg. Math -Madeley (mucci) 14:53

2nd PERIOD

Reg. Math -Tanaka (unassisted) 19:08

On monday night Reg. Math faced off with Village II West and the game started on a rousing note with several brief skirmishes and finally an outbreak of fisticuffs involving Randy Musselman and an unidentified Villager. Both were ejected from the game and Musselman will miss the play-off opener as a result.

When the game settled down to hockey, the outcome was never in doubt. Brian Greatrix was the thorn in West's side with a three goal effort. Pat Fallon, Dean Mucci, Ted Smandych and Rob Madeley also tallied for the winners while Bob Denny's shut-out bid was foiled on a early second period scoring thrust by Village West. It was their only marker in the 7-1 verdict.

SUMMARY

1st PERIOD

Reg. Math - Fallon (Chupa, McElroy) 15:55
Reg. Math - Smandych (Mucci) 18:15

2nd PERIOD

Reg. Math - Greatrix (Hoshizaki) 3:07
Reg. Math - Greatrix (Wetmore) 6:28
Vil. West - Bartolli (unassisted) 8:15
Reg. Math - Mucci (Smandych) 9:45
Reg. Math - Madeley (Fallon, McElroy) 15:39
Reg. Math - Greatrix (unassisted) 18:50

REG. MATH FINAL REG. SEASON STATISTICS

Scoring Leaders	GP	G	A	PT
Rob Madeley	5	7	6	12
Dean Mucci	6	6	4	10
Brian Greatrix	6	5	4	9
Pat Fallon	6	4	5	9
Ken Chupa	6	5	3	8
Ted Smandych	6	4	4	8
John Wetmore	6	3	5	8
Rod Tanaka	6	2	3	5
Warren Hoshizaki	4	1	3	4

Goalkeeping	GP	GA	Sho	GAPG
Bob Denney	4	4	1	1:00
Ray Berry	2	0	2	0:00
Total	6	4	3	0.67

Games 6; Goals for 39; Goals against 4.

Thumbnails:- The two wins extended Reg. Math's undefeated skein to 22 games and their record since the Fall '71 is 30 wins 1 loss 2 ties.

Burt Hesselink was sidelined for both games with a nasty gash over his eye.

-Rocco Raccioppo suffered a badly bruised hand during a scuffle, but he should be ready for the playoffs.

-Randy Musselman returned from his brief yet horrifying stint with the Waterloo Siskins and was ejected after only ten minutes had gone on monday.

PLAY - OFF SCHEDULE

First Round (4 out of 5 1st place finishers have byes)

TUES FEB 27, Queensmount Arena
9:00pm-1:00am. 4 games.

Quarter-Finals

WED FEB 28 and THUR MAR 1, Moses Springer
10:00pm-1:00am. 2 games each
night.

Semi-Finals

SUN MAR 4, Moses Springer
10:10-11:30pm
11:30-1:00am

Final

MON MAR 5, Moses Springer
11:00-1:00am

MATH I IN BATTLE FOR FIFTH

Math I has two things to accomplish in this week's tussle with Geology. A win would cinch the 5th place in League V with 1 win 4 losses and a tie. A win would also give Math I an edge over Geology in the battle to see who ends up with the worst goals for-against average in all five leagues.

Needless to say, Math I's last two defeats were not of the close variety (14-0 and 10-2) but in the latter game the score was actually tied entering the final period until the roof collapsed on the Math I boys. Tom Wilson and Doug Watson scored for Math I who lost John Daiway for a brush-in with one of the stripe-shirts masquerading as a referee.

Basketball... UNBLEMISHED RECORD

It's quite difficult to play with only one basket so unfortunately all games on Court 1 have been postponed until this week. On Monday night, Court 2, a minimal Math I squad of 5 guys was outclassed to the tune of 83-18 by a team of (now get this) APTSIES! Oh, Math I, weep! Top scorer for Math was Darrin Johns. The loss leaves Math I's record at (0-4). On Sunday the game of the year is on tap with Math I placing this unblemished(?) record (0-4) on the line against their older, but no wiser, counterparts from the upper years, Reg. Math (1-1). A capacity crowd is expected. (But probably not on Sunday and not likely for the Math I vs Reg. Math game.)

UPCOMING B'BALL CONTESTS (* game of the week)

SUN FEB 25 -7:30pm Reg. Math vs Math I
* MON FEB 26 -7:30pm Co-op Math vs Arts
8:30pm Math I vs Penison
9:30pm Reg. Math vs Env. S

Bowling... MATHIES LEAD U of W

On February 15, Conestoga College held their 2nd Annual Intercollegiate Tournament at Victoria Lanes. The result, of course, was a win for one of the teams sent down by the U. of W. Bowling Club. The 6-member (packed) team had a total score of 3968 for their 18 games. The team members were Joan McKellar, E. Klatt, Lynne Martin, Owen Picker, B. Bash and Norm Macdonald, four of whom are Mathies. The second team finished somewhat lower than the other team with a total of 3119. Four members of this team were also Mathies.

Klatt had the high single for the tournament, 361, and high triple, 308. The other teams in the tournament were all from colleges such as Durham, Fanshawe and Conestoga. The tournament was well-organized by Conestoga's Athletic Department and special mention should go to Lorette McKenzie, a U of W co-oper, for her work.

Curling... COYLE CURLS CLOSE- CLAIMS 3RD

A regular Math rink skipped by Jim Covle, erstwhile third year Mathie, claimed third place in the men's intramural bonspiel on Sunday Feb 11 at the Glenbriar club.

Coyle's rink included R. French, B. Gerrard and J. Ratz and wound up with 32 1/2 points in the spiel which attracted curling buffs from as far away as Village II and Co-op Residence.

Coyle's crew were the top non-plumbers in the event as teams from Upper and Lower Engineering finished 1-2 out of the 16 competing.

UPCOMING

Wrestling- Entry date Feb 23
Event next week (must attend at least one instructional clinic) - weight classes.

Table Tennis- Entry date March 2
Event - single elimination with consolation. Week of March 5.

Co-ed Volleyball- Entry date March 9
Event starts March 13

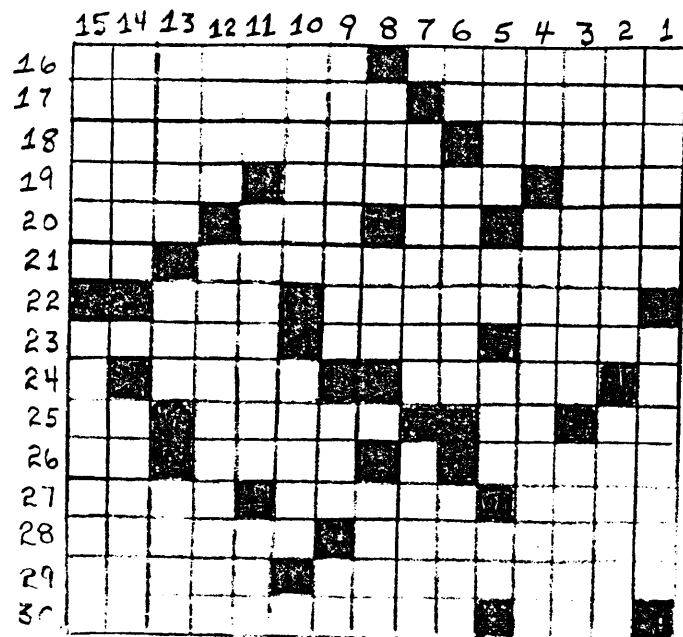
Broomball- Entry date Mon Feb 26
Meeting and draw Tues Feb 27 in room 1083. Play commences Tues. March 6.

THIS WEEK'S THEOREM

$$\begin{aligned} (i)^{1/3} &= [(-1)^{1/2}]^{1/3} \\ &= (-1)^{1/6} \\ &= [(-1)^{1/3}]^{1/2} \\ &= (-1)^{1/2} \\ &= (i) \end{aligned}$$

$$\begin{aligned} \therefore i &= (i)^{1/3} \\ i^3 &= i \\ i^2 &= 1 \end{aligned}$$

Thanks to Gary



- 1615 Mathnew's terminal freak
 1607 type of weld
 1715 what sometimes happened during summer
 1796 part of blouse
 1815 missing messenger
 1805 animal catcher
 1915 economic quantity
 1917 i am white bucket
 1903 half of a cheerleader's accessory
 2015 functional operator
 2011 return to memory opcode
 2097 thanks
 2004 Siamese fighting fish
 2115 math subject (abbr)
 2112 what you hope to find in the new steam iron box (3 words)
 2213 a stomach remedy
 2209 I came to naught
 2315 end for drains
 2309 down prefix
 2304 for marvel freaks: a big god
 2413 too long in FASS
 1516 artificial
 1523 protection money dangled by English kings
 1416 what follows the prey
 1425 science of front (?) teeth
 1316 hammer block
 1322 part of hearing
 1327 at every waterway
 1216 abbr for not solvable
 1221 remark or note
 1116 old English article
 1120 private eye
 1128 Alexander used to play this
 1016 fish-egg-like stone
 1024 is this east of France
 0916 CLA for example
 0925 First Edition: diabolical bill's diamond
 0929 sweet two letters
 0817 mental property requiring extra sugar please
 0821 was a Crown corp
 0827 in the same place
 0718 feed full
 0726 part of what might happen in church
 0616 our America
 0619 missing from FASS, but mentioned in passing

GRIDWORD

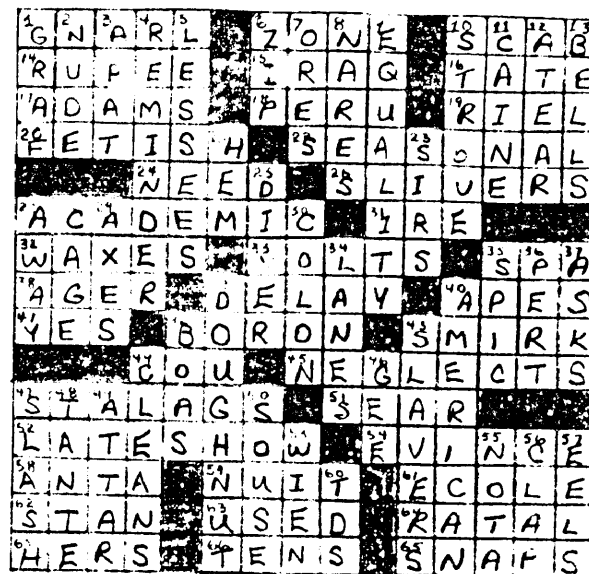
- 0627 useful in toboggan races
 0516 French girlie man
 0521 prefix
 0524 it wouldn't be nice to have this and rice underfoot
 0528 proposed new initials for BSA
 0416 where Nelson spent a lot of time
 0420 mathematical expansion based on two (2 words)
 0316 highwayman
 0326 Walter and Albert's rival
 0216 averages of the only good indians

Thanks to Godfrey Lee, Edna Morrison and Stephen Waller for this week's gridword.

Again this week mathNEMS offers a free T-shirt to the first person to bring a correct solution of this week's gridword into the mathsoc office, MAC 3039.

Last week's winner was Eric Grauz, Honourable mentions go to P. Curran, Robert Belcher, Michael Collins, Shawn Allaire and Jean Smith.

SOLUTION TO LAST WEEK'S GRIDWORD



the Water Melon Caully Flower Dough

This is part 4 (of 9)
 of an inspirational
 novel by Gerhardt van
 Scholumpfthk.

-Chapter 4-

I am Gauss like.

FEEDBACK

(NOTE: These letters are personal opinions and do NOT necessarily represent the views of the mathNEWS staff. Rebuttals to all letters or articles are invited. All letters MUST be signed but a pen name will be used if requested.)

//HONEYWELL DD
DISP=,DELETE

Editors:

I've just got one thing to say to all you beautiful people who have poured into my ear the glory of the HONEYWELL 6050 and that is, "GET LOST!!"

Never in all my life have I seen a bigger waste of money than that recycled beer can behind the Honeywell doors. I don't mean to be nasty but everything from the file system to the assembly language, from the word addressability to the loose "security" system, from the messed up control language to the ineffective supervisor is a pain in the derriere.

If I had my way, I'd call back the plumbers to finish what they'd started and then, maybe then, we could get back to using a real honest to God computer, Old Faithful, always ready for us to come to, Ye Olde 360/75.

G. Betowski

Editors:

Are you getting ripped off? I did. I didn't find out until it was too late that I missed out on a chance to have a lot of fun and do something useful at the same time.

Until now, I was under the impression that MathSoc is just for a chosen few and that they have all the advantages. I thought they got into all MathSoc functions, pubs, etc., for free and that they got their choice of lockers first, etc. So I continued to be one of the apathetic majority and never bothered to try and help.

Now that I'm in fourth year I've met some people in MathSoc and found out how wrong I was. They had to stand in line for lockers just like the rest of us. They only get into pubs free if they work and anybody can volunteer to work at the pubs and get in free.

It's too late for me to join MathSoc, because I'm graduating, but if it isn't for you don't get ripped off like I did. You can have a lot of fun, meet some great people and help other math students. Go to the MathSoc office and meet the people there. Now's your big chance with the election coming up. Don't lose out like I did.

G E T I N V O L V E D

Editors:

The latest mathNEWS is undoubtedly the greatest single piece of collective tripe to yet come forth. The fact that I am helping to pay for this waste of good paper disgusts me to no end. As far as cheap reproduction, goes, it seems that dot reduction/photo processing is a long way from cheap. Once again, you have demonstrated your supreme lack of ability. It's enough to make me want to pick up ENGINNEWS.

Editors:

It was with great interest that I read your lead story in the most recent issue of mathNEWS ("CO-OP TEACHING: 65 HOPEFULS, 40 JOBS" -Thursday Feb 1). I would like to place another damper on the issue.

First of all, getting into the programme does not guarantee you a teaching job. Second, it doesn't even guarantee you a job. Last year, 40 hopefuls were accepted into the programme. By September 1972, there were 35 of us left in the 2A Co-op teaching class. We were assured that, the year before only 4 people were not placed in teaching jobs, and that the prospects this year were even better.

FORGET IT! Out of the 35 who took interviews with the various boards (I am excluding the four, 3A people who were placed immediately) only 18 got jobs. Employing the services of a friendly APL terminal (which I understand aren't so friendly this term) or a slide rule, for you plumbers out there, this figure represents 51.425714% of those in the 2A Co-op teaching class. There were 22 jobs available, not 40.

What are the other 17 doing? Well, some gave up on the programme and transferred into the regular stream. Some found employment on their own, some of them switching into business co-op, others remaining hopeful in teaching jobs for next September. Four of us, including me, kept our faith in Co-ordination and took Recreation jobs. That's right, four of the class are organizing Recreation programmes for the mentally retarded in communities across Ontario.

I am sure this is valid experience and that Ron Hancox and the other people running the teaching programme have worked very hard to find jobs for us in the face of budget cut-backs. However, anyone in first-year who is hopeful of getting into the programme, don't throw away your shuffleboard cue. You just may need it next winter. Acceptance into the teaching programme does not assure you a teaching job.

Marg Oosthoek

