

Results of Questionnaire #3

This questionnaire was held on November 9th. The sample size was 86. The topics were drinking and biking.

For those of you who have never seen a questionnaire, here are some details on how **mathNEWS** questionnaires run. All the surveys this term were run by putting copies of the questions on a table beside the **mathNEWS** mailbox on the third floor. It was found that we got more people responding this way than we would get by printing the questions in an issue of **mathNEWS**. After the questionnaires are returned they are sorted manually and statistics are compiled (like the stuff below). When the compiler finds the time the results are then published in **mathNEWS**.

1) How often do you drink? (83 responses)

Daily	13%
Weekly	34%
Monthly	36%
Yearly	7%
Never	10%

2) You usually drink: (73 responses)

Some people circled more than one answer. This was a badly designed question as some of the possible answers were *with who?* while others were of the *where?* type. Make what you will of the results.

Alone	21%
Special occasions	52%
Parties	68%
Pubs	62%
Other(with friends)	4%

3) Should mathSoc continue to have pubs? (84 responses)

YES	25%
Qualified YES	24%
Neutral	33%
Qualified NO	8%
NO	10%

4) When should mathSoc hold pubs? (66 responses)

Monday	20%
Tuesday	26%
Wednesday	41%
Thursday	56%
Friday	20%
Saturday	14%

5) What type of pub should mathSoc hold? (67 responses)

Wine&cheese	52%
Disco	34% (10% against)
Costume	9%
Greaser	12%
Rock	30% (a write in vote)
Other	16%

6) Would you ever go to a mathSoc pub? (82 responses)

YES	43%
Qualified YES	30%
Don't Know	16%
Qualified NO	2%
NO	9%

There were not very many comments (silent drinkers?). "should not hold pubs always on the same night of the week. This way people with funny schedules get a chance to go"; "free booze"; "band is a must"; "How about afternoon pubs. That's when I'm thirstiest".

Now for our biking section. A short circuit of the math building reveals enough stands for around 300 bikes.

1a) Do you own a bike? (79 responses)

YES	78%	NO	22%
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1b) How much did your bike cost? (62 owners)

less than \$100	29%
\$100 to \$200	61%
greater than \$200	10%

2) Do you ride it to class? (62 owners)

NO	44%
YES, regularly	35%
YES, good weather only	21%

3) Are bike parking facilities adequate? (62 owners)

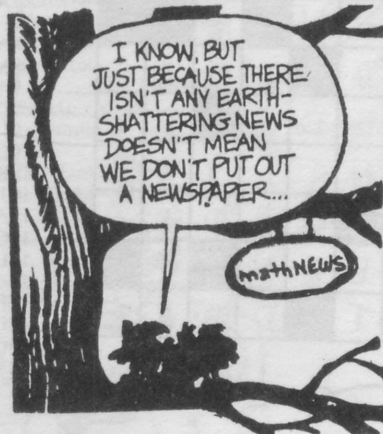
YES	63%	Neutral	19%	NO	18%
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Banquet December 5th

There will be mathletics banquet on Monday, December 5th in the Laural Room. This will be a smorgasbord from 6-8 pm with a cash bar. Entrance is restricted to people who have participated on Math teams. Tickets are available from Mathsoc or the team captains.

WATSFIC at War!

On Wednesday, December 7th WATSFIC will sponsor an all-day conflict simulation session (wargaming). The activities will probably take place somewhere in the M&C building starting around 9am and running all day. Persons interested in should contact dennis at 884-7499 or mail *watsfic* on the 'bun for further details.



math NEWS

Mediocre Crowd: Great Band

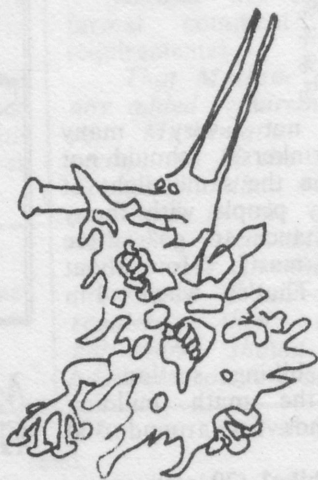
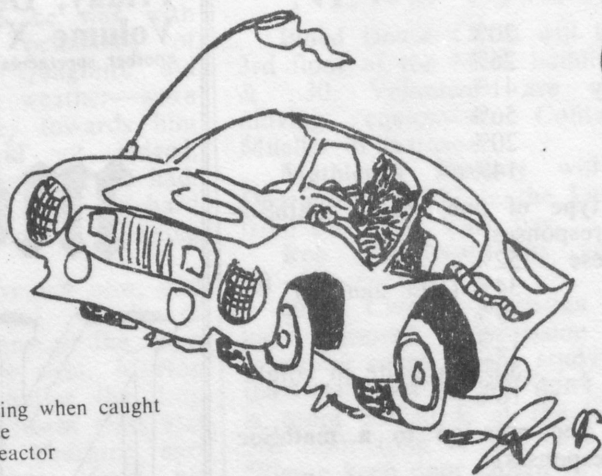
Despite the presence of a great band only eighty people showed up to hear Choir at last Friday's South Campus Hall Pub. This was the last SCH pub of the term and the last Friday SCH pub. Next term pubs will be held on Thursdays, once every two weeks.

The band Choir is from Mass. and are concluding their first Canadian tour. They consist of five powerful female vocalists, who perform in low-cut chiffon coloured gowns. They are backed up by a four-man band playing drums, guitar, bass and keyboards. They have a moving rock and roll style conducive to dancing as evidenced by the actions of the audience.

Bill Thomson of Engsoc plans to hire Choir for an Engsoc pub this summer. Remarks from some of the Board of Entertainment people present indicate booking Choir will be increasingly difficult as their name becomes more known in this country.

Several Chevron reporters were in evidence at last week's pub. Federation president Rick Smit has been bringing them to SCH pubs in order to get better coverage of Federation events. At one point Smit was seen dragging John W. Bast from his chair to near the stage, where Smit pointed to the band and the people dancing telling Bast to take pictures.

- DOWN
- A3 entreat
 - A11 hard water
 - B1 tree part
 - B6 style
 - C1 dog part
 - C7 Table Tennis
 - C10 throw
 - D1 french bone
 - D4 unsteady
 - D12 you (F.)
 - E8 peel
 - F3 what thief is doing when caught
 - F12 11L, for instance
 - G1 thermonuclear reactor
 - G6 more than none
 - G11 what we all pay (s.)
 - H1 slightly indifferent
 - H10 Society for Inches
 - I1 to be proven
 - H11 Concorde
 - J1 Your House
 - J6 is (phon.)
 - J9 none excepted
 - K3 in debt to
 - K12 and (F. and L.)
 - L1 born
 - L5 resting place
 - L9 risk
 - M1 above average
 - M8 compact piece of land
 - N1 period of time
 - N5 sharp noisemaker
 - N10 Young Deer
 - O2 Be of good _____!
 - O8 attack
 - P1 pronoun
 - P4 None Really Exist
 - P8 soothsayer



There were several (four to be exact) entries for boff's gridword last week. Unfortunately none of them were correct, so no one wins a t-shirt.

The wordsearch was more successful. Four people, **High School, Murray Clayton, boff** (who had a seven page **mathNEWS**) and the winner, **djmurdoch** all submitted correct solutions. The solution was **The road goes ever on**.

Also received were 3 late solutions for the previous weeks's *gridword*, all of which were incorrect, and, finally **High School's** submission for the *gridword* much before that, which is *incorrect!*

This week's *gridwords* are from **Duncan Murdoch** and **cdwebster**. The solutions will be published in next Tuesday's **mathNEWS**. Deadline for submissions of solutions will be Monday, December 5th.

I'm not sure that we can fit a 26 by 8 grid on the page...



GRIDWORD

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	A	L	P	O		A	S	S	A	Y	T	N	G	S		I
2		E	A	S	T		T	I	S	H		E	R	E	C	T
3	S	A	W			S	A	M	S		B	E	E	C	H	
4	O	P		R	E	T	R	I	E	V	E	A		E	N	
5	L		I	A		L	R		H	I	T	H	E	R		
6	I	F		C	E	S	S	A	T	I	O	N		O	R	E
7	C	I	T	K		H	O	R	I	Z	O	N		R		
8	I	N	T	E	R	I	M		D		D	I	N	A	S	
9	T	E		T	I	N	E		N	E	E	D	S		S	E
10		S	T	Y	N	G		S		A	N	A	L	Y	S	E
11	I	S	O		D		F	I	S	C		R	A	D	A	R
12	C	E	S	T		D	E		S	H	E	E	N		I	
13	E		S		R		F	E	I	T		T		D	O	L

alias _____
aliquid _____

ACROSS

- 1A dog food
- 1F measurements of 6N, for instance
- 2B direction
- 2G _____, tish
- 2L build
- 3A enemy of 3K
- 3F source of recorded sound
- 3K sandy tree
- 4A preposition
- 4D what Labs do
- 4O of him, it (F.)
- 5H Lower Romania
- 5K over here
- 6A conditional operator
- 6D ending
- 6N bauxite, for instance
- 7A rotated, reflected pest
- 7F AM(zenith, nadir)
- 8A temporary
- 8M _____much
- 9A you (F. personal pronoun)
- 9D part of fork
- 9I requirements
- 9O himself (F.)
- 10B archaic insect weapon?
- 10J what labs do
- 11A same (prefix)
- 11G treasury
- 11L radio detector
- 12A it's (F.)
- 12F Double Envelope
- 12I shine
- 13C superfluity
- 13M free distribution

SOLUTION TO LAST WEEK'S

: TOAST: ANALYSIS
S: HOARD: ERA: TSO
TO: KREAM: STORMY
UPS: DEGAS: ELISA
PALS: DOTES: DN: :
ELIHU: SHEER: GNU
N: EELS: E: NEW: EN
DOR: CHEMISTS: AD
ON: METHANES: STE
UT: TRI: T: NYET: P
SON: SCRIP: NEEDS
: : OH: KOCHI: LEAP
DATUM: MAIDS: RYE
ALIPED: LLANA: SN
BOO: TEA: OHARA: D
SENTENCE: OPERA:



Rank: _____
 Serial #: _____

ACROSS

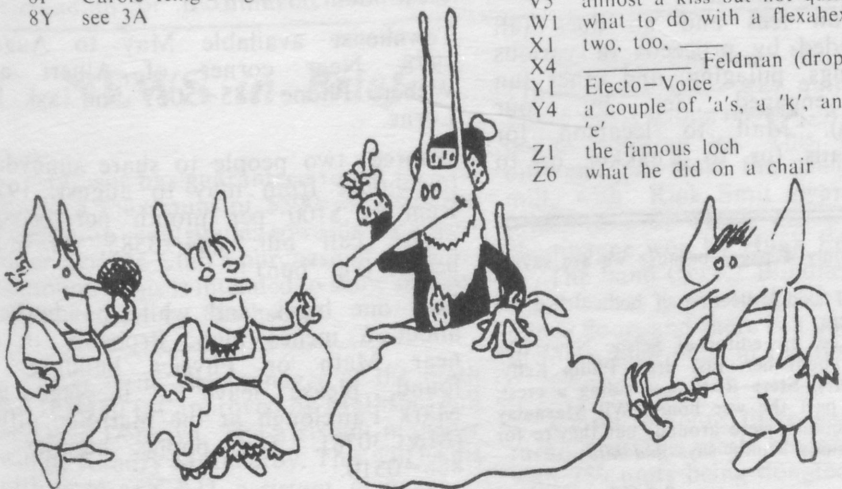
- 1A coffee _____
- 1G manufacturers of ____67 (e.g.)
- 1V when widget goes down
- 2A one of the better universities in N. America
- 2P _____ of noodles
- 2W all you need is _____
- 3H couple thousand pounds
- 3L Communist Society for Spreading of Hot Truths
- 3R continent
- 3A where its _____
- 4A device for preventing needles from skewing finger
- 4I what's after exams
- 4R Exil. Q. _____
- 4W santa-time
- 5J type of job-control-card
- 5M spruce up; re-model
- 5V enterprising Captain
- 6D this even falls more than the dollar
- 6L the series just doesn't stay together
- 6U abbreviation marks for the last line written
- 7A padre
- 7G a section of a circle
- 7K a large truck / half a yo-yo (two independant words)
- 7R the who live at _____ (an excellent album)
- 7X she loves me _____!
- 8A _____ what?
- 8D having to do with precious stones and cutting of same
- 8P Carole King's big album
- 8Y see 3A

DOWN

- A2 perverted fortran
- B1 what subject to take if you're at Waterloo
- B6 dissection subject
- C1 see 8Y
- D1 where hacks spend their life
- E1 um, ah, _____
- E6 destructive army in Ireland
- F2 _____bye
- G1 half of santa's theme song
- G6 type of anita bryants friends (french)
- H1 security will get you for this in the village
- H5 computers favorite reading material
- I3 the command to make widget talk
- I6 american tv manufacturer
- J1 the best damn country in the world!!!
- K1 can be technical in boxing
- K4 the infamous stand in the math lounge
- K7 that's _____ apple!
- L3 a math department
- L6 yes (russian)
- M1 not allow certain things
- N3 to sort sand grains with the _____bun
- O3 hogtown backwards
- P2 throw you for a loop in fortran
- Q1 Victoria General
- Q5 a kilt is _____ (write backwards)
- S1 to say the wrong answer out loud suddenly
- S7 Electro-Engineer
- T2 a couple of 'e's with an 'r' and an 'o'
- T7 faculty at uniwat
- U2 non too complimentary term for person
- U6 pesticide banned in Canada
- V5 almost a kiss but not quite
- W1 what to do with a flexahexagram
- X1 two, too, _____
- X4 _____ Feldman (drop letter 'a')
- Y1 Electro-Voice
- Y4 a couple of 'a's, a 'k', an 'o', and an 'e'
- Z1 the famous loch
- Z6 what he did on a chair

The Night Before Putnam

T'was the night before Putnam, when all through the house,
 All the Mathies were pondering Fermat and Gauss,
 The curves were all mapped in R^n -space with care,
 In hopes that line integrals soon would be there,
 The conics were nestled all snug in their beds,
 While visions of asymptotes danced in their heads,
 Forte with his lim sup and I with my mean,
 Had just settled the question of who'd make the team,
 When out on the ln there arose such a clatter,
 I arced from my point to see what was the matter,
 I converged on the window with small delta t,
 Tore open the boundaries and Taylored on e,
 The sphere on the breast of the new-fallen snow,
 Gave the lustre of mid-point to regions below,
 When, what to my Weirstrass eyes should appear,
 But an integer sleigh and eight complex reindeer,
 With a binormal driver, so polar and swell,
 I know in a moment it must be St. Del,
 More swift than factorials his coursers they came,
 And he sined and he cosined and tanned them by name,
 "Now, Euler! now, Taylor!, now, Cauchy and Newman!
 On, Riemann! on, Leibniz! on, Hilbert and Newton!
 To the inf of the porch! to the sup of the wall!
 Now integrate! integrate! integrate all!"
 As the functions that before the wild real axis fly,
 When they meet with an asymptote, mount to the sky,
 So up to the boundary the coursers they flew,
 With a sleigh full of Theorems, and old St. Del too,
 And then in an epsilon, I heard on the roof,
 The convergent series of each delta hoof,
 As I curled in my head, and translated around,



(cont'd from page 1149)

Down the Wronskian St. Del came with a bound,
He was monotone red, from his max to his min,
And the soot on his loci told all where he'd been,
A bundle of Theorems he had in his set,
And he looked like a matrix of conjugates, yet,
His dot product twinkled! his limits— how merry!
His roots were like roses, his norm like a cherry!
His Mean Value Theorem Rolle'd around on his tan,
And his brachistochrone, down his axis it ran!
A log residue he held tight in dx,
And his variance showed us that he was convex,
He was well defined in his polar domain,
And he shook when he coshed like an infinite plane,
He was positive definite and all uniform,
And I summed up his series in spite of his norm,
A wink of his orb and an inflection point,
Soon gave me to know that not all was disjoint,
He diverged not a once, but went straight to his work,
And he arc length'd the curves, then turned with a jerk,
And finding the tangent aside of a root,
Up the Wronskian's path he did convolute,
He signummed his sleigh, to his partials a whistle,
And away they all sloped like the down of a thistle,
But I heard St. Del ring, ere he vectored from sight,
"Happy Putnam to all and to all a good night!"

The TAKITH Prize of the Week

The TAKITH Prize of the Week this week goes to the nice considerate CS180 profs and tutors. Seems they didn't want to be marking over the Xmas holidays, so they set up a special end-of-term exam for us. And to be really nice, they gave us a whole week to prepare for it. (It was yesterday, in case you missed it.) Oh, that course is such a nice one, and it's so worthwhile to take it.

The runner-up this week is the Stats231 Assignment #8, to which gfwitte gave his most vehement denunciation. I have assignments due this week even though it is the last week of classes, and so do most other people. Isn't that a kick in the head??

Welcome to the second last masthead this term. This issue has only 4 pages because we are saving everything else for a *last day of classes* issue.

mathNEWS is funded by mathSoc, but editorially independent of said collection of bodies. We are published on campus at Graphic Services. This copy has 1199 brothers.

Our staff, who consumed tea and hot dogs consisted of John Lee, ex-editor of Scisoc News; the shy froshi threatened to get the editor if he said anything nasty about her; fast draw Philip Kelly; Mark Hasselbach helped this issue, but not the last (it was Peter K?); Steve Risto was riding a crest; J.J.Long reported by remote control; Keith Dorken was around 'till past the wee hours; Wil Macaulay came back at 10:30am to finish his half of the paper; several other bodies were around, but they're for the next masthead. So at 1325hrs on Wednesday afternoon, de edi Dennis Mullin says *gud nite*.....

Administration Has Double Standards For Crests

As you may have heard the University Administration is being careful about allowing the use of the University crest. For this reason the crest is no longer in use on jackets as the former supplier could not produce a product which met the precise specifications demanded. The Federation is now trying to find a supplier who can meet the specifications so that the crest can be returned to University jackets.

However, while the administration demands that the Federation meets precise standards with regard to colours, proportions, and size, they allow fragrant violations of these standards in the use of the crest in other situations.

For right in the center of the floor of the P.A.C. there is an eleven foot crest which doesn't even come close to matching the specifications. This crest is on display during convocation, and it has been seen on several occasions on national television. In short it is

one of the most prominent displays of the crest. Yet its colour tones are wrong. It is printed on an illegal coloured background. The sizes of the chevrons on the front are supposed to be equal, in this crest the middle chevron is much smaller than the others. The middle chevron is yellow when it should be white. The lettering on the script below is of the wrong form. The painting is sloppy, and there are various red portions on the script that shouldn't be there.

But this isn't all. On the scoreboard in the P.A.C. there is another crest which doesn't meet the standards; the colours as well as the script below are wrong. Above each set of steps leading down to the gym are more crests. These large 3D versions are all in error. To find a correct version is difficult. This reporter had to consult the letterhead on University stationary to find one to research this article.

Yet the administration infers that we are insulting the University by wearing the crest on our jackets. This may be true but it would be nice if they applied their own standards to themselves as well as to others.

-slr

UNCLASSIFIED

Attention: I'm forming an ARGOS ARE FINE IN 79 fan club. Perhaps we can rent a hall for an ARGO victory next year. If interested send name via mail to rmcleod. I plan to publish a membership list.

Are you a closet anarchist? Come out of hiding! No need to be afraid of the ridicule of your friends! They'd probably admire you! Join now!! Unlimited membership!!! The anarchist alliance needs you!!!! (formerly the anti-educational international outlaws union) (formerly the anti-anti-imperialist alliance alliance) We have no leaders. Our only doctrine is as follows: Do what thou will shall be the whole of the law!

No initiation fees and no dues (all funds provided by proceeds of various raids, lootings, pillaging, and other fun activities engaged in by our membership). Mail to lccarson for further details (or to jrbakker or to jpsirett).

FOR SALE: AKG K-140 headphones. Brand new, for the best price around. Contact jnriopel via tss mail or phone 884-5747. Reason for selling: upgrading present system.

The Great Lost Dollar Bill Contest! Unless the supposed owner of the dollar bill found on the floor outside mc3050 last tuesday week (nov 22) identifies himself to me by next tuesday (dec 6), I shall donate it to some worthy charity (such as the CSC micro-computer). To claim the dollar: tell me whose picture was on it, tell me when it was lost and answer a skill testing question. Contact rlbiddle for details (mc3050, bun mail, etc).

Summertime: Four bedroom townhouse available in May 1978. Highland and Westmount. 579-6175.

Townhouse available May to August 1978. Near corner of Albert and Weber. Phone 885-5067 and ask for Lorne.

Wanted: two people to share sunnydale townhouse from may to august, 1978. Rent is \$100 per month per person. please call bill: 884-3585, or mail beadie (via 'bun)

Lost one black and white panda bear about 6 inches high. Probably in or near Math or Physics building. If found, please leave a message for Mark Fairclough at the mathSoc office (M&C3038). The phone number is 886-0510.