

MATH NEWS

Volume 38 Number 1

May 10, 1985

Davis Turns Sod

The Chevron
Returns

Bunnies

Humor Survey

Gridword



LookAhead

A glance at upcoming events

Math Events
May 9-14 MathSoc Campaigns May 15 MathSoc Elections
Co-Ops Only
May 10 Resumes Due May 17 Want Ads Available May 21 Job Applications Due
Cinema Gratis Starts 9:30 in the CC and it's free
May 15 Dole Bananas, Splash May 22 Neighbours, On The Beach
Fed Flix Shown in PHY 145 at 8 pm. Feds pay \$1, others \$2
May 10-12 Diner
DCS Schedule
Free! 1 to 3 one-hour lectures on CMS and other things. Contact DCS to register.
May 13-15 CMS Part I May 21-24 Introductory GML May 27-30 CMS Part II
UW Arts Centre
Call 885 4280 for more info and tickets
May 12 Laith Rao May 16 <i>An Evening of Dance Works</i>
mathNEWS Important Dates
May 20 mathNEWS Articles Deadline May 21 Production Night May 24 next mathNEWS hits the streets

mathNEWS Organizes Board

MathNEWS Publications held the first meeting of its Board of Directors on April 3. The Board comprises Lyn Burkowski, Faculty Advisor; MathSoc President and Vice-President; dan schnabel, mathNEWS Editor; Tom Ivey, Chairman; W. Jim Jordan and David Liebold, senior staff members.

The mathNEWS Board advises the Editor and staff of mathNEWS on various issues as deemed relevant from time to time. The Board is also responsible for the financing of mathNEWS, although the Editor is still entirely in control of and responsible for the content of the paper. The Board wishes to acknowledge the contribution of Marcel Kahnt, late of Waterloo, in drafting the new mathNEWS Constitution passed in March of this year.

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Managing editor: dan schnabel

Prez Sez

Well, welcome back! MathSoc operations are in full swing and you will be seeing lots of posters and advertisements about social and other events as the summer goes on. As Lisa points out in her letter - these events don't all have people to organize them yet. How are you at organizing a road trip or painting a poster? Maybe MathSoc can help you find some hidden talents.

As you are aware, some fun and successful events have already taken place. Our Welcome Back Pub with the engineers sold out, and people had a great time at Fed Hall. We have already started planning our next social event - it will be just as much fun.

As well, approximately 85 people have signed up for our phonathon. I know that we will have a pledge total that the Engineers, Science or HKLS will not be able to come close to.

For 3A and 4A students the next important event is MathSoc elections. Your vote means a say in who represents and speaks for you on council. Do you know who is running? Find out and decide who you think would be best.

In closing, MathSoc has a membership of 1400 students this summer. We are the largest faculty on campus. We should have a great partying summer. To plan all of these parties we need people. MathSoc doors are always open - come in and introduce yourself.

Lida Cepuch
President
MathSoc

MathSoc A Change of Image

In the past few months many people have remarked to me that they always wanted to get involved in MathSoc but never did. Why? They all had different reasons that kept them away.

Over the past three to four years MathSoc's image has undergone a drastic change. It has evolved from an obscure clique with closed doors to a wild group of people trying to ensure that they majority of mathies enjoy their stay.

MathSoc has evolved socially also. But many people party at the Wine + Cheese who wouldn't think of dropping in the MathSoc office. We're the same guys, guys! So how about coming out for the other pubs, road trips, car rallies ... blah, blah, blah ..

Think of MathSoc as a person who can throw a mega-party and invite everyone. Maybe you have a great idea for a bash but you or your roomies could never carry it off in your three-bedroom townhouse. Come in and talk to us! We can't make promises but you never know ...

If the office always looks a little disorganized that's because it is. It's almost impossible to coordinate the efforts of all the volunteers. If you have an hour to spare a week why not sign up for an office hour? It's not hard and there really are some great people in there.

HELP! We always need more. So come in and chat, see what you might be interested in doing. You may be surprised - you may enjoy yourself.

Lisa Seabrooke
Vice President
Math Society

Davis Turns Sod

William Davis, former Ontario Premier, took part in the official ground breaking ceremonies on April 16 for the new William G. Davis Computer Research Center. The ceremonies took place in what was once parking lot B, the site for the new center. (Actually, it wasn't sod, it was sand (what else do you find under a parking lot?) - eyewitness.)

Davis was assisted by UW president Douglas Wright, Secretary of State Walter McLean and Waterloo mayor Marjorie Carroll, (who you may remember from the Ma and Pa Kettle films -ed.). The ceremony, preceded by a press conference, was attended by students, mathNEWS reporters, the Warriors Band, as well as many other university and city officials.

Early in October, Mathers and Haldenby, Toronto, were chosen as architects for the new building, which will be the largest structure on campus. The total cost for the project, including computers (very little of which will likely be used by students -ed.), furnishings and renovations to existing buildings following the move into the new one, will be \$46.8 million. \$31.1 million will be put up by the Ontario government, the remainder coming from UW's fund raising program WAT-FUND. The building itself will cost \$24,220,000.

The building features two long, skylit, internal galleries "streets" running the length of the building, exterior windows for most offices and a large atrium. Students will remark on the similarity of the design to that of Eaton Centre in Toronto. This is because the architect is the same. At press time, no official word had been given on the rumored **Le Chateau** boutique.

dan

Departments and Faculties in Building

Library	NASF 54 000
Computer Science Department, Labs and Research Groups	48 490
Electrical Engineering Department and Research Groups	38 260
The Institute For Computer Research	11 830
Mechanical Engineering - Computer Integrated Manufacturing	10 740
Systems Design Department and Labs	10 360
Study Hall and Cafeteria	4 900
Two 250-seat amphitheatres	3 700

(NASF = Net Allocated Square Feet - EMS Library is about 36 000 at present)



Pink Day, Elections and Other Things

I know what you're saying - what Pink Day? Blink and you missed finding out about it. But the reappearance of the giant tie should have been your first clue. Other than that, there was free cake and cheap pizza (which also became free when it got cold). There was a jello-eating contest (pink jello, of course) - "Bill in the orange shirt" (sorry, if the event coordinator doesn't know (really, Cyril? - typist.), I don't either) beat five others for two Wine + Cheese tickets. And of course a few people sported pink ties and/or pink shirts.

Most of these pink people were "insiders" to MathSoc, or those who happened to see the hastily-printed bulletins. Pink Day was too early in the term for advance warning in this paper or for the overworked office manager to produce a banner. As a result it has enforced in many people the belief that Math-

Soc is run by a small clique and no one else is welcome.

Here is where I was going to write about how wrong you all are, but Lisa seems to have done that for me. So I'd just like to add my two cents worth.

Sure there's a group of friends who either got to know each other by working together on MathSoc, or by encouraging their friends to participate. But we need your help! There are many blanks on the office hours list and we need ideas and volunteers. Or at least put your vote in the upcoming elections (3A and 4A class reps), and have a way in who represents you on MathSoc Council. For the few of you who have somehow ended up here in the summer for 3B, there will also be a vote for your class rep.

-BP

The Caliph of Caliphornia

Deep in the halls of MC, with terminals beeping overhead, a small but seasoned band met secretly. This was not their first such meeting, but the mathNEWS team was up against their toughest challenge yet. For it had been discovered that the UW campus' most illustrious paper would soon be forced to stop publication. Yes, it was true that just when things looked brightest for campus papers, when SciSoc had actually published their own paper, when even the Chevron had resumed its regular appearances, just then an incredibly evil force was opposing mathNEWS itself!

For even in those happy times, this force was perverting the minds and the hearts of CS profs and students alike, so that they ran their most expansive assignments whenever mathNEWS wanted to enter articles, and printed copies of the *Encyclopedia Britannica* just when our heroes (yes, they are our heroes - and the protagonists too) needed the printers to print their paper! In the face of such a dastardly foe, something must needs be done!

The leader of this accomplished group was one dan, as fierce an editor as ever cut article. To him after much debate fell the fateful decision.

"We go."

"To distant California?" asked the one they called Alfred.

"We go to California, to seek the fabled Macintosh Apple, and its LaserWriter."

"But what if we be discovered?". This from valiant Tom Ivey.

"We shall be disguised, so we can pass inconspicuously amongst the natives of that land."

And so it was that this fearsome force did venture forth on the long trek to distant California. And they did travel hard and speedily many a day. Many an ocean did they cross, and many a desert; over the towering mountains of Saskatchewan, and through the dense forests of Kansas they sped, until one fateful day when the last of their scooters died. From here they must go on foot, walking those many leagues across that treacherous terrain. And what dangers lay ahead of them, they knew not.

A

Mazted: mathNEWS is back, and in today is any indication of what's to come, it'll be a great summer. Thanks to my staff, with all their peculiarities; specifically Sneer (what's in a name anyhow?), Paul Obuda, Ken Shirriff B. Gonet (an engineer who couldn't go all the way), Center of Gravity (a weird weird sucker), Derby (more than 2/3 turn), Tom Ivey (nagging about cost, budgets and other nasties) and Cary Tumar, who is. John - we'll see your article in next issue. Thanks to our contributors: Lida Cepuch (cute MathSoc prez - even cuter than ROSS) Lisa Seabrooke, BarBPalmer, wphughes, dwarf, TWN and Linda Carson; blow them all a kiss next time you see them in the halls. Tuesday we have a brainstorming session at 7PM in our office - come out to laugh and write about it. i am dam schnabel, managing to be editor.

RUE #1 Mashtall pens blotch

mathNEWS Asks ...

Would you buy a used car from Frank Miller, and why?

"No way. I don't like his face." - Dave B., 3A AM/CS

"I don't really know him, but probably not." - Rob G.

"Only if it was plaid." - Len P., 3A PM

"No. Who's Frank Miller?" - Rick, 3A Phys

"No - he's a jerk. I trust him about as much as Mulroney" - B.P., 3A CS

"Of course not, because I have no money." - Len S., 4A Pass

"No, I already have a lemon." - Ralph M., 2B CA

"No. I wouldn't buy anything from Frank Miller." - Jane D., 4A CS

"Yes, because he'll need the money." - Dr. A.E., 2B BA

The Return of the Chevron

Once again, our heroes struggle against an oppressive capitalist system in their efforts to bring the message of Marx, Lenin, and Stalin to the downtrodden masses of working-class students at the University of Waterloo. Can they bring about the Revolution? Can they defeat the running-dog lackeys of the capitalist bourgeoisie and the imperialist warmongers? Can they bring our nation to the desirable level of Albania? Watch for *The Return of the Chevron!* Coming soon to a theatre near you! Billed in some theatres as *Son of the Chevron*, or *Chevron, Part III*.

mathNEWS is proud to welcome the Chevron back to campus in its everlasting pursuit of truth and the Marxist ideal. We expect that the editors of The Globe and Mail are fairly shaking in their boots at the prospect of having their capitalist decadence exposed. We are glad to once again have material for our humour section, which has suffered greatly in the past six [ten by my count] months, lacking a butt to its pointed jokes. We are also glad to have another humour paper on campus - the Imprint, try though George might, was never able to attain the heights of dialectical nonsense reached by the Chevrons, in their previous incarnations.

We wish the Chevron Club (is that still Jeff and Doug?) the best of success in their return to publication, and hope that their funding is adequate to their needs. We also wish them more success at attaining some degree of credibility in the future.

Alfred, on behalf of mathNEWS

P.S. People don't seem to realise that there are some who actually believe that stuff!

In The SAC

"I came, I drank, I fell down"

- working Waterloo student, Toronto, Thursday morning

This is your roving SAC (Student Advisory Council to the Department of Coordination and Placement) reporter, lacking material since we haven't had a meeting yet. So guess what I'm going to write about instead ...

Once again, a term of successful Toronto WatPubs [took place], almost always overcrowded despite threats of subway bombings, ID checks, work reports, and correspondence courses (not so threatening when dropped the second week).

There was the Jolly Miller, where people waited outside (in January) for two hours to get in; and, as tradition dictates, the Brunswick House with its cheap beer and "friendly" waitress. There was a pub at U of T, where these students didn't dare show their faces. Nuts and Bolts three times over — the first time opening an hour late, and the second time by invasion from another bar (the third time was relatively uneventful), and there was also DJ's, Xanadu, Fresh, Natchez, Friday's, Club Domino, The Copa, Nag's Head and one I can't remember. (If Waterloo students learn nothing else in T.O., they should know where all the good WATERing holes are!)

A statement from an expert WatPubber sums it up: "I probably don't remember the more interesting ones." Thanks to Lex & Liz for the organization and keeping the Watline up to date. As for me, I'm changing my name. I've been found out. British Petroleum will be no more (maybe).

-BP

P.S. Congrats to a certain math frosh who won \$5000 last week in a Toronto radio contest. She shall remain nameless for her own protection — there's one student who won't be scraping at the end of the term!

Finally there is a watch as prestigious as the faculty you're in. Introducing **MWATCH**, a time-piece with all the features a math student requires.

- day indicator
- number of seconds until graduation counter
- room indicator (you can tell the time by what class you're in, so all you need is to know what room to go to.)
- interviews missed counter



Yoda

I met him in a bog down in Degobah

Where it bubbles all the time like a giant carbonated soda
S-O-D-A, soda

I saw a little runt sitting there on a log

I asked him his name and in a raspy voice he said:

Yoda, Y-O-D-A, Yoda, Yo-Yo-Yo-Yo-Yoda

Well I've been around but I ain't never seen

A guy who looks like a muppet but he's wrinkled and green

Oh my Yoda, Yo-Yo-Yo-Yo, Yoda, Yo-Yo-Yo-Yo-Yoda

Well I'm not dumb, but I can't understand

How he can lift me in the air, just by raising his hand

Oh my Yoda, Y-O-D-A, Yoda, Yo-Yo-Yo-Yo Yoda

Well I left home just a week before

And I never ever been a Jedi before

But Obi Wan, he set me straight o' course

He said go to Yoda and he'll show you the force.

Well-I'm not the kind that would argue with him

So it looks like I'm gonna start all over again

With my Yoda, Yo-Yo-Yo-Yo Yoda, Yo-Yo-Yo-Yo Yoda

So I used the Force

I picked up a box

I lifted some rocks

While I stood on my head

Well I won't forget what Yoda said

He said, "Luke stay away from the darker side,

And if you start to go astray let the Force be your guide."

Oh my Yoda, Yo-Yo-Yo-Yo Yoda

"Well I know Darth Vader's really got you annoyed,

But remember if you kill him then you'll be unemployed."

Oh my Yoda Yo-Yo-Yo-Yo-Yoda

Well I heard my friends really got in a mess.

So I'm gonna have to leave my Yoda, I guess.

But I know that I'll be comin' back someday;

I'll be playin' this part 'till I'm old and gray,

Cuz a long term contract I had to sign

Says I'll be making these movies 'till the end of time

With my Yoda, Y-O-D-A Yoda, Yo-Yo-Yo-Yo- Yoda

Yoda, Y-O-D-A Yoda, Yo-Yo-Yo-Yo-Yoda

(Repeat and fade)

Waterloo Nets NSERC Grants

(News Bureau) - University of Waterloo researchers have been awarded 375 operating grants from the Natural Sciences and Engineering Research Council (NSERC) this year. Total value is \$9 058 059. UW researchers also received 10 infrastructure grants totalling \$812 094 plus 18 equipment grants totalling \$423 143 and \$10 870 in six travel grants. (And we *still* have CMS — typist.)

Who Party 7

Coming 25-26 May at the Walper Hotel in Kitchener, Doctor Who fans can enjoy videos, panels, art shows, auctions and memorabilia displays at the Doctor Who convention. Guest of honour at Who Party 7 will be Jon Pertwee, who has played the Doctor. See Derwin Mak (at watarts!dmak) for more details.

Math Society Elections

Wednesday May 15

3A Co-op, 4A Co-op

2 positions each

Student ID required to vote

Not YFE Presents

New Speculations on the Bunny-Rabbit Theorem

By far the most disturbing papers published in the last year are those dealing with the so-called Bunny-Rabbit Theorem. This interdisciplinary question (involving, as it does, mathematics, physics and biology) has raised many disturbing problems as it questions the existence of real numbers.

In brief the theorem deals with the counting \mathcal{H} , as described by Prof Peter Hoffman, which hops from one point on the number line to another, thus landing on, and hence describing, separate numbers. It was pointed out by Brown *et al.* that, to describe the real numbers, the \mathcal{H} 's foot would have to be infinitely small, and, unable to eat, starve to death thus becoming unable to delineate the real numbers. Several proposals have been made to attempt to unravel the paradox (e.g. contradiction of a \mathcal{H} moving at light speed, \mathcal{H} composed of leptons, etc) but to this point none have proven entirely satisfactory.

It is the contention of this author that the problems stem from too literal an interpretation of the 'foot' and ignorance of the postulates of quantum mechanics. In the first case, the number line being only an imaginary construct, there is no reason for the \mathcal{H} to land literally on it; it is only necessary for some point of the \mathcal{H} to co-exist with some part of the line. Nor is there any reason for this point not to be inside the \mathcal{H} . Therefore the centre of mass of said \mathcal{H} can be used as a delineating point. Furthermore, the postulates of quantum physics state that the location of the centre of mass cannot be determined exactly, but can only be described by a probability distribution. The position can be determined to be in a small volume with high probability, but its exact position remains unclear. Thus in a finite time, the centre of mass could conceivably delineate an infinite number of points, and the \mathcal{H} (now of finite size and able to eat) could broadly speaking hop along the number line of real numbers. Though certain problems remain unclear (e.g. infinite lifetime of \mathcal{H}) the question of the existence of said \mathcal{H} , and hence that of real numbers, remains open, and Brown *et al.*, who claim it is closed, must be considered jerks and idiots and out-and-out raving lunatics.

wphughes
Institute for Useless Studies
University of Waterloo

Questions

2 or 3

How many times has someone put you on the spot and said "Tell me quickly, yes or no?" You are caught, because the choice is so limited and still you must choose.

Why do we only have two alternatives in many such situations? Mystics would point out that mankind is a binary being; we have two sexes and must fall into one of them and mate with the other; we are bilaterally symmetric and regard any flaw in this symmetry as unsightly. Certain neurologists argue that the brain is cleft in two, with a part that talks and a part that thinks. (Though this does not let us talk *and* listen at the same time!) We like things in twos because we are in twos.

This does *not* mean that there only have to be two modes of thought, or two values, true or false, for every statement. Computer types regard the bit as the smallest unit of information, on or off. Increasingly, since computers appeared, we speak the yes/no language of bits, and so limit our ability and freedom to answer questions. Speaking this language necessitates knowing all the "is/is not" answers for what you are asked about - a "maybe" is no good to anyone.

Why should we think this way? Why should we mimic computers with words like "non-person" and "de-hire", when the binary machine may be only the first approximation to a more general tool? This paltry set of values must be transcended before computers can even approach their potential as extensions to human intelligence.

When we are introduced to formal logic, one of the first, easily accepted, propositions is to the effect that "a or not a": one of either a fact or its negation must be true. Imagine a system of thought where that statement does not hold. The Epimenides paradox - "This sentence is false." - is no longer a paradox, and from it could spring a third logical value.

Let us dispose of the notions of negation and complement. The ideas of truth and falsehood then fall away. While inquiry stops at "yes" and "no", the third, ambiguous state generates thought. When we cease to divide the universe into true and false, and when we cease to divide the universe into what is us and what is not us, then we can start to build broad inclusive truths that encompass all that can be expressed - in our language, not in the language of bits.

Tom Ivey

The Man With The Golden Gridword

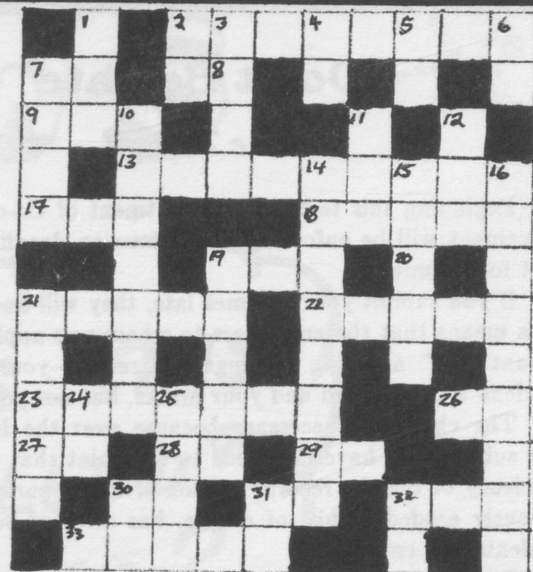
Yowza, yowza, the gridword is back for another gruelling (griddling?) term. For those of you who are brave enough to challenge this puzzle, you can hand your solutions into the *Black Box* on the third floor. Mind you, while other gridwords have been cryptic, this one's positively esoteric. But there are still people who'd rather do this than listen to a calculus lecture, so here goes ...

Across

2. matrix, my letters
7. pal to *pas*
9. trim the inch
13. breathes in disease
17. rake for weeds
18. colourful trope
19. Ital. author names the rose
20. give us a short article
21. King calls to Bethlehem
22. excited micros beam on
23. couples barred
26. shortly tiffed, micturate
27. *Wasteland* author, initially
28. for example
29. good metropolis
30. laughed shortly
32. new group to compute
33. physics capital of Oklahoma

Down

1. often the base
2. 17 by 17 game
3. hike a short trail
4. backwards medic
5. code, kindly
6. fortran's for
7. airy stream
10. old news renewed
11. stub it out
12. seven tall Romans
14. Aquinas followers
15. regular divider
16. scotch the biscuits
19. slide gently into reverse
24. studies closely packed controversy
25. magic charm, glamour
30. (G)er correspondent
31. Philedelphian state
32. Magog's brother



Thoughts On A Calculus Exam (with apologies to Bruce Cockburn)

Question rings a bell
And what do you know
I stumble upon a solution

b's, *b*'s, *b*'s and *t*'s
And surface integrals
Clear thought's replaced by a headache

Oh, Jesus, don't let Waterloo take my mind away...

It's easy to love if
You let yourself love it
But like a moth's wing it's easily crushed

Oh, Jesus, don't let this exam take my love away...
dwarf

More Notes on My Life

What I Did On My Work Term

Not much.

(the editor just told me that two words do not an article make, just a basket - so I will try to be a bit more specific)

Very little.

Where I Worked On My Work Term

In Ottawa. On the airport in Ottawa. In a Hangar (ie. big cold metal building) on the airport in Ottawa. (Which just happened to be three miles beyond the bus routes. Three miles (whoops - 5 kilometers) at -30 degrees Celsius makes for a very cold derfy (that's me). Oh well, I needed to start jogging anyway). In a military hanger ... (rest of article cut because of author runon at the mouth - d.ed.)

Highlight Of My Workterm

The Military decided to stage a simulation of a hijacking, and so we had a hijacked plane and quite a few guys with machine guns running around outside the hanger (at -30 you run or you become a popsicle) and one guy in the hanger with a machine gun. There was only one problem. Nobody told us at the hanger that a fake hijacking was occurring and that the guys with the machine guns were soldiers ("the good guys"). This led to a few people thinking about imminent death and similar topics. (Please don't shoot me ! I'm too young to die !)

We eventually found out what was really going on - after the test was over. It seems that the soldiers thought that the test was classified and that us dumb civilians were not in the "need to know" category. Or perhaps they just got their jollies from walking around and scaring people by waving machine guns in the air - who knows ?

I just can't wait until my next work-term there.

derfy

Don't Be Late

Due Today!!

Beginning this term, the Department of Co-ordination and Placement will be enforcing all submission deadlines, especially that for resumes.

If you submit your resumes late, they will **not** be accepted. This means that the employers to whom you apply through the "Want Ads" and late postings will receive your Co-operative Student Work Record and your marks, but not your resume.

The change is necessary because over the last few terms late submissions have increased to the point that the processing efficiency of the the records section of the Department has been seriously eroded. This, of course, has affected service to both students and employers.

Resumes for Co-op students in Arts, HKLS, and Math who are seeking employment for the Fall 1985 work term are due at Needles Hall reception desk by 4:00 pm, Friday, May 10.

!!! Mathematics !!!

Are you the type of person who is

- i) willing to meet new and exciting people?
- ii) tired of being (slightly) out of shape?
- iii) willing to tap the inner athlete that exists in all of us?
- iv) wanting to bring glory to yourself and the Faculty of Mathematics?

If you have answered yes or no to any of these questions, then Mathematics is for you. "Mathletics" is a MathSoc-sponsored group of teams which compete in Campus-Rec leagues. Everything from Men's Softball to Co-Rec Inner-Tube Waterpolo is offered. You can sign up for these and other sports on the east window of the C+D. Be sure to sign up by Friday (today) 1 pm.

P.S. Keep your eye out for the MathSoc squash ladder — coming soon!

TWN

How Funny Are You?

Sure, you can walk like a duck and sing underwater! You memorized every comedy album ever cut, and spent the entire third grade in the corner. But are you *funny*?

This quiz will help you objectively test yourself to see if you're a really funny person. Take your time answering the questions and be honest in evaluating your responses. Remember, not everyone is cut out for comedy.

1. I laugh at:
 - a) basset hounds.
 - b) the Toronto Maple Leafs.
 - c) the drop of a hat.
2. The best kind of comedy is:
 - a) highbrow.
 - b) lowbrow.
 - c) eyebrow-raising.
3. The funniest of these punchlines is:
 - a) Mine, too! Must be the salt water!
 - b) Honest, General, we never touched the couch!
 - c) Why not? You can't dance!
4. Finish this song parody:
Tow, tow, tow your boat,

How to score your answers:

1. a) You are warm and thoughtful — 5 points.
b) A timely, nationalistic reply — 5 points.
c) You are sensitive and open about your emotions - 5 points.
2. a) Your sense of humour is intellectual and insightful - 5 points.
b) You have an earthy, gutsy sense of comedy - 5 points.
c) Your humour is more outrageous and daring - 5 points.

3. a) Your joke styling is eccentric and offbeat - 5 points.
b) You prefer the traditional and classic comedy - 5 points.
c) The bold and risque is your style - 5 points.
4. If your response included any of the following words, you have a finely-honed sense of the ridiculous, and a stylish flair for comedy - give yourself 5 points: shoe, fish, anachronistic, filbert, tack, ring.
If, on the other hand, your response included none of the words listed above, you demonstrated a more solid, conventional humour, firmly founded on the great traditions of comedy - give yourself 5 points.
If you did not add anything to the song, your comic sense is clearly very spare. Less is more, and we admire that tightness and economy of wit - give yourself 5 points.

If you scored:

0-9 points - You have the sense of humour of a dead man, and should return it to his widow immediately. The last time you laughed, your Mum said it was gas. We'd tell you jokes to lighten the mood, but you wouldn't recognize

10-19 points - There's no shame in being average. You should console yourself with the knowledge that most of the world leaders are equally humourless, but you don't have the same daily risk of assassination for it.

20+ points - You are bright, witty and gifted. Your friends and family think you're funny, and total strangers laugh when you come into the room. You should be channeling this energy into something equally funny, like writing for FASS '86! FASS writers' meetings are being held Sunday nights, 7 pm, in MC 5045 throughout the summer. Anyone as funny as you are is more than welcome!

Linda Carson
Head Scriptwriter, FASS '86