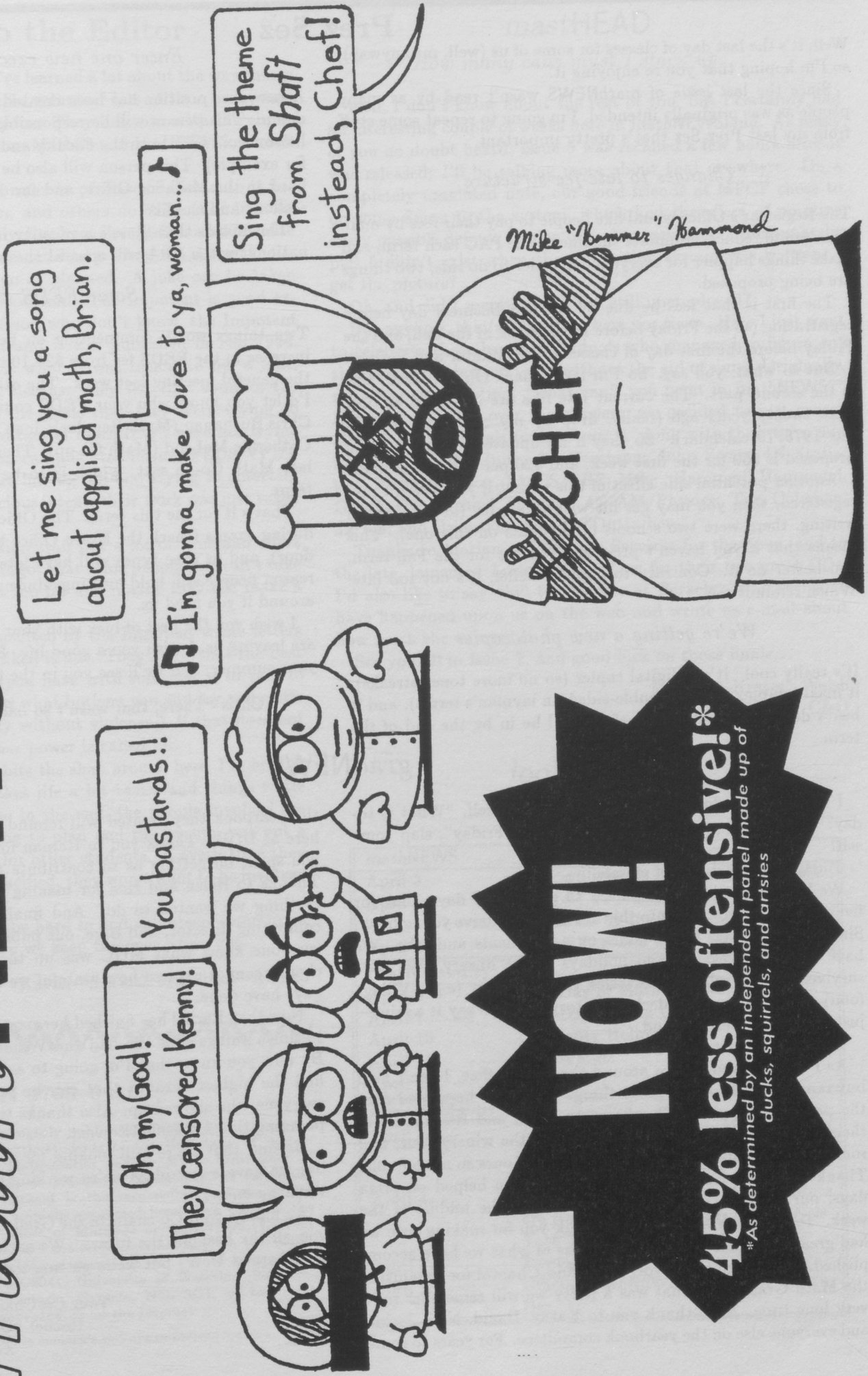


U<DAXK



math NEWS



Let me sing you a song
about applied math, Brian.

♪ I'm gonna make love to ya, woman... ♪

Oh, my God!
They censored Kenny!

You bastards!!

Sing the theme
from Shaft
instead, Chef!

NOW!
45% less offensive!*
*As determined by an independent panel made up of
ducks, squirrels, and arties

Mike "Hammer" Hammond

Prez Sez

Well, it's the last day of classes for some of us (well, me anyway), so I'm hoping that you're enjoying it.

Since the last issue of mathNEWS wasn't read by as many people as was originally intended, I'm going to repeat some stuff from my last Prez Sez that's pretty important.

Changes to late-fee structure

The Registrar's Office would like people to pay their fees by mail. This would reduce/eliminate the line at the PAC each term, and make things happier for everyone. In order to do this, two things are being proposed.

The first is that fees be due by the last business day before registration (so the Friday before Frosh Week in the Fall, and the Friday before the first day of classes in the Winter and Spring).

But so what, you say. So I'm late a day. Oh no! Well, this is the second part. The current late fees are the same as they were twenty years ago (really, drop by my office and look in our 1978/79 calendar). So they'll be updated. What's being proposed is \$50 for the first week, and \$20 per additional week.

Another potential side effect of this is that if you haven't pre-registered, then you may get hit with a late fee (at the time of writing, there were two schools of thoughts on this one). This means that if you haven't pre-registered yet for the Fall term, you better do it. Contrary to popular belief, it's not too late. Which reminds me...

We're getting a new photocopier

It's really cool. It's a digital copier (so no more toner streaks), it makes duplex copies (double-sided, in layman's terms), and it has a document feeder. Hopefully it'll be in by the end of the term.

I want you to close your eyes and ask yourself, "What is today?" What was your answer? If you said "Friday", slap yourself!

Today is the last day of classes!!!

We have worked long and hard to get to this day. Four (or five) years ago, we came into this university as naive young frosh. Since then we have spent hours on assignments and labs. We have endured weekends and holidays in the library. We have survived despite all the obstacles thrown at us (e.g. Village food) and today we can declare victory. Let me say it again — just because it feels so good...

Today is the last day of classes!!!

As I sit here and glance around the MGC office, I can't help but remember all of the great things that have happened over the past four months. Thanks go to Carol and Ben for all of their great social events. First night out, the winery tour, and rock climbing helped make this final term of ours so memorable. Thanks to Tina, Kathleen, and everyone who helped on pizza days; our Wednesdays were more than just the middle of the week. To Kathleen and Shawna, thank you for making sure we had great rings and shirts to remind us of what we have accomplished. Thanks go to Trevor, Gina, and Chantal for organizing the Math Grad Ball. That was a party we will remember for a very long time. Also, thank you to Kathy, David, Niki, Jackie, and everyone else on the yearbook committee. For years to come,

Enter one new exec position

A new exec position has been created: the Vice-President, Academic. This person will be responsible for a lot of the academic liaison work with both the Faculty and external groups (like SAC for example). This person will also be responsible for the exam-bank in the MathSoc Office, and for dealing with academic info sessions and the like.

This means that there's a vacancy in an exec position. Nominations for the VPA will open at the beginning of the Fall term.

Some FEDS stuff

Two things worth commenting on here. The first is that an increase in the FEDS fee from \$24.10 to \$24.50 was approved at the general meeting last week. The other is that I thought that I'd let you know who your FEDS councillors are for next year: Chris Buchanan (Math Regular); Joe Clancy (Math Co-op); and Catherine McLeod (Math Co-op). There is also a vacancy in the last Math Co-op seat, which is to be filled during the Spring term.

That's it for me this term. The Office will be open somewhat during exams (check the Exam Office Hours sheet on the Office door), and us exec types still have lots of work to do (for some reason people still hold meetings during exams), so we'll still be around if you need us.

I wish you the best of luck with your finals, and for those who are leaving us, I wish you a good life. For the rest of you, enjoy your summer, and we'll see you in the fall.

Chris "There, that wasn't so bad, now was it" Buchanan
President, MathSoc

gradNEWS

the yearbook they created will remind us of the fun we've had here at U(W). Thank you to Raman for all the time and effort you spent on getting us to contribute to the Pink Tie Pledge. Thanks to Helen and Hoa for making sure we could afford everything we wanted to do. And finally, thanks to Andy, our computing director, and Blue, our publicity director, for letting everyone know what MGC was up to. We (your humble co-chairs) cannot express how grateful we are for all the work you guys have done.

Now that Rachel has finished her part of the article, I'm going to finish things off. We had the Wine and Cheese on Friday. By now you know that I'm going to say that it ROCKED! We had the highest turnout that can be remembered. Thanks to everyone who showed up. Also thanks to Shirley for her help in planning this AWESOME event.

Beyond that we're still looking for a Gift to the University, but we have a few ideas we're working on. We'll let you know when we know.

An finally, your Co-chairs of the Grad Committee want to wish you all the best for the future. We each have a little bit more time here at U(W) but we're getting there. It's been a blast!

Your Co-Chairs who just don't quit,
Rachel "Danger Girl" Nieuwland
Xavier "X-Man" Aburto

Letter to the Editor

Over the past few years, I've learned a lot about the way things work on campus. Some people volunteer lots of time to try and make things better for everyone. They help out with the clubs, Grad Committee, Orientation, MathSoc, or *mathNEWS*, as well as lots of other things.

People do this stuff for a number of reasons. Some do it because it can be a lot of fun, and others do it because it looks good on a resume. Personally, I've been involved in a lot because I've met a lot of great people and had a lot of fun doing it.

Sometimes things don't go as planned. A joke can be taken wrong and blown out of proportion. The Impotent is good example of this. For those of you who don't know, the Impotent was a spoof of the Imprint and it was published in Fall 1994. Some people looked at it as what it was meant to be, a joke, while others were offended because they felt that some of the articles were undermining the goals that they were trying to achieve. The writers and editors of *mathNEWS* were not trying to "create a cold climate on campus" (as former FEDS VP UA Julie Cole put it); they were having fun and trying to entertain people. There was no malicious intent; their work was just taken the wrong way.

The editors and production staff put a lot of time and effort into their work. But they forgot that some people just can't take a joke. Maybe they did go too far and maybe they did make a mistake.

In the end, the people insulted by the Impotent wrote letters to *mathNEWS* and they talked it out. They knew that the best way to resolve a problem you have with someone is to talk to that person. Let them know what bothers you and try and settle your differences (preferably without violence.) If that does not work, then going to a higher power is called for.

So the next time the fit hits the shan around here, I'm hoping people try talking. It makes life a lot easier and things settle down a lot faster. Because in the end, the people involved are volunteers. They are trying to plan and run events, put out a paper or provide services for other students. If every time they make a mistake they get crucified, they won't want to be involved any more.

And to be honest, it can be hard to find volunteers sometimes. We really should make sure we keep the ones we've got.

Xavier "I'm sick of politics" Aburto



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Not pleased with the results of his camera's red-eye reduction feature: Matt "So-Krates" Walsh

mastHEAD

How many cans must I stack up...

Well, I don't know about the rest of you, but I certainly had an interesting couple of weeks here in *mathNEWS*land. As many of you no doubt heard, Issue 5 was recalled a few hours after it was released; I'll be talking more about that elsewhere. On a completely unrelated note, our good friends at MFCF chose to do some fixing to the system, which had the effect of pointing every possible default version of perl to version 5. Unfortunately, perl 5 didn't exist when the production system was written... get the picture?

Oh, and did I mention that I'm still unemployed?

But anyhow, that's all neither here nor there. Here I just want to celebrate those brave individuals who managed to figure out that it was production night without the aid of signs. Originally, we asked the question, "what can't you print in *mathNEWS*?" However, glancing over the answers, we decided to just censor all of them. So here's tonight's staff, along with their term and major: Chris McGuire, 3A Teaching; John Swan, 4N Statistics; Richard Bilson, 3A CS/EEE; Mike "Hammer" Hammond, Grade CS; Michael Thorsley, 4N AM/Physics; Tim Coleman, 3A CS; and Brian Fox, who is "Outta here"

Thanks to Marion at Graphics Services for the issue, and to the late, lamented Lowest of the Low for their two great CDs. I'd also like to say "hi" to Candice at Berkeley, who seems to have happened upon us on the web and wrote us e-mail about how much she enjoyed it.

See you all in Issue 7, and good luck on those finals...

Matt "So-Krates" Walsh
3B PMath / C&O

lookAHEAD

<i>mathNEWS</i>	
April 3	Issue #6 tries to unionize McDonald's
April 14	Issue #7 Production Day Just come by the office (MC 3041)...
April 17	Issue #7 studies for its STAT final
Math Faculty	
April 3	Last Day of Math Classes
April 7	Last Day of Arts Classes (suckers)
April 10	University Holiday
April 13	Exams start
April 25	Exams end
Miscellaneous	
April 3	The book <i>Men are from Mars, Editors are from mathNEWS</i> tops the <i>New York Times</i> bestseller list.
April 4	The book <i>Men are from Mars, Editors are from mathNEWS</i> falls off the <i>New York Times</i> bestseller list.
April 12	Easter Sunday
April 13	Official <i>mathNEWS</i> Death-by-Algebra Day

Best and Worst of Campus Dining

Well folks, this is the last mathNEWS of the term [Well... almost. Keep your eyes open during the exam period. — ΣEd.] and sadly it also marks the end of my brief but distinguished career as an amateur restaurant reviewer. Yes it's true, I'm hanging up my pen, or keyboard in this case. In an attempt to go out with a bang, I present the "Best and Worst of Campus Dining"

Best Deal: Gino's Pizza, (\$2.34 slice and pop)

Worst Deal: Food Services (pick your poison)

Best outfits for the waitresses: Mel's Diner

Worst Service: Subway

Best Falafel: Olympic Gyros and Subs

Most Original Dining Concept: Mongolian Grill

Hardest Working Staff: Sunshine Express

Coolest Sign: "Draft Beer and Kebabs" (can I put that up in my room?)

Strangest Lighting: William's Coffee Pub

Best Sandwich: J. Gatto's Deli-licious (Snorter)

Best idea that was never tried: Including a meningitis shot as one of the options with the custom combo at Harvey's

Best Atmosphere: East Side Mario's

Worst Atmosphere: Gino's Pizza (Hey, you get what you pay for)

Best Music: Olympic Gyros and Subs

Best Dessert: Jose's Noodle Factory (Apple Cinnamon Questitas)

Least Comfortable Chairs: Harvey's (no backs)

Best Bagels: Blue Dog

Best Selection of Reading Material: J. Gatto's Deli-licious

Worst Line-ups: Mel's Diner (Saturday, around noon)

Best Late Night Snack: Pita Pit

Best High School Chicks: William's Coffee Pub

Worst Sandwiches: Farah's Foods (yuck)

Best Burger: McGinnis (swiss and mushroom burger)

Best Chicken Wings: Morty's Pub (was there ever any doubt)

Respect to all the restaurants that provide newspapers for their customers. You know who you are.

A special thanks to all the staff at mathNEWS for working tirelessly and thanklessly throughout the term to provide us with an entertaining campus newspaper to call our own (and for printing my sometimes ridiculous reviews). Well done!

Jonathan Ezer

My Favourite Exam

Like it or not, exam season will soon be upon us. Don't worry, though, exams aren't all bad. Think back to the last time you walked out of an exam knowing that you aced it. Is it not exciting doing well on an exam which you had been worrying about for weeks?

My most exciting exam was back in 1A. The afternoon before the day of the exam, I was studying in the C+D, finding it hard to focus on the boring material. One of my classmates walked in with that often-heard cliché: "I'm going to fail this thing!" After working through a couple of questions, I realized that she wasn't kidding, she really was going to fail. That happens sometimes when you think that your classes are boring and stop going to them. We ended up joining the crowd of crammers in the DC library and studying for a few hours. Not only did we have a fun time studying (believe it or not), but I learned the material much better than I ever could have on my own. I know I would have fallen asleep if I had been studying alone.

A couple of weeks later I went to find out my mark. I noted that it was in line with my expectations, and didn't think much more of it. Then I heard a voice behind me say "Guess what I got!... 94!" That was my most exciting exam so far. I wouldn't have been more excited if it were me moving from the 40s to the 90s.

Remember this story when you're stressed out cramming for your exams. If you spend your time worrying about yourself, you will never be completely confident that you'll succeed. If you lend a hand to someone else, you can be sure that the time you invest is worthwhile. May all your exams be as exciting as this one was.

Ondrej Lhotak

A Math Poem

Math can be a wondrous rhyme.
Makes students go round and round all the time.
You can design equations to make shapes.
Or you can memorize them like an ape.
Sometimes you can monkey a solution.
This may cause a revolution.
But there really is no absolution.
Someone will always want to see the proof
And then will discover it was a spoof.
Then comes the day to put it on the board
Using old-fashioned chalk for the lord.
The prof will check for glitches
And look for funny variable switches.
Maybe you're lucky and maybe you're not.
But if you aren't you'll be on the spot.
So kiddies, learn your calculus well
Or else the prof could ring your bell.

Natalie Thompson

Is it so much to ask?

A job as a working mathematician

profQUOTES

(after making a mistake on the board) "I wouldn't have lost too many marks; after all, I am trying, aren't I?"

Goodman, MATH 237

"There are 2 reasons why you can't do this. First, it makes me break into a cold sweat and my hair stands on end; and second, you'll lose marks."

Goodman, MATH 237

"We just pretend the stuff we do is useful so we can get jobs."

Goodman, MATH 237

"I know personally three mathematicians who made mistakes."

Platonov, MATH 146

"Our final exam will not have, like, hard questions."

Platonov, MATH 146

"Students in the advanced-level classes couldn't calculate their way out of a paper bag."

Forrest, MATH 148

"...and every morning, he goes out for a jog." (pause) "I hate him already."

Cutler, STAT 333

(referring to the Taylor expansion of e^x) "...this is one of those things that, if you didn't know when you graduate, I would take away your degree."

Cutler, STAT 333

(10 seconds later) "God, I hope that's the right expansion..."

Cutler, STAT 333

"Differentiating serves no useful pupose except torture."

Cutler, STAT 333

"It's not good that I'm stupid, but it's good that you're not!"

Cunningham, C&O 350

"If I served something at the beginning of class, maybe you guys would be more into the spirit of things! You guys are too sober."

Cunningham, C&O 350

"It's best if I carry on these little conversations by myself; that way, I don't get anyone in trouble."

Cunningham, C&O 350

(student walks in late) "We decided that we don't like you and we're not coming in on Friday."

Nutbrown, PSCI 226

"Cool... as my daughter would say."

Hare, PMATH 354

"If you asked me to cube a matrix, that would be no problem; however, if you asked me to do a power greater than 3, I would ask you to do it on an assignment."

Willard, MATH 235

"Here's your chance to be mathematicians — make up stupid definitions!"

Willard, MATH 235

"We can only communicate with our children when they're dead."

Buhr, CS 342

"If we remove some of the coefficients, the human eye cannot hear the difference."

Tang, CS 370

"In Germany it's very civilized... here I have to crawl on the floor just to find chalk."

Willard, PMATH 346

"How am I doing?...lousy. Alright."

Willard, PMATH 346

"Bummer."

Willard, PMATH 346

"That's less of a contradiction, but still a contradiction."

Willard, PMATH 346

"Regions don't mind being cut orthogonally... I talk to them often."

Goodman, MATH 237

"...this is an unhappy space. If you're looking for those words in the notes, they don't exist. They exist only in my brain, and now they're on the board."

Goodman, MATH 237

A Book Review

The Eight
by Katherine Neville

This wonderful story by Katherine Neville involves a thousand-year-old mystery about a famous chess set. The adventure encompasses two hundred years and three continents as some of the players in a life-size chess match attempt to solve the mysterious formula found in the chess set. The story mentions the works of Pythagoras, Euler, and Fibonacci as the main characters try to solve word problems and codes to determine the thousand-year-old secret. The story was very exciting and had a new little twist around every corner. Katherine Neville is great at working the history of the times into the story to make it seem more real.

Colin McMillan

If I Were Valedictorian

During my time in school, I've seldom been the person on top — neither academically nor socially. Not that I have not had a good life, but I always seemed to be just second best, and never the top. Being the best would, in fact, be a position I'm not sure I would be comfortable with. Yet in my life I've had the opportunity to be close to those who are the best. I've heard many valedictorian addresses, my favourite to date being a reading of Dr. Seuss's book *The Places You'll Go*. I've always had this nagging urge to add my own two cents, though. In short, if I were valedictorian, my speech would go something like this:

Professors, parents and fellow alumni. Thank you for this honour and congratulations to everyone here who is about to begin a new life. I'm sure that each graduate today would like to thank their parents as well for their support. Yet there is another group of ancestors whom I would like to thank as well. I speak not of the ancestors of blood and bone, but the ancestors of enlightenment and thought.

In life, as you go into the new world, you will meet many different people and no two will be exactly the same. Yet all can be sorted into two categories. It may not always be apparent for the divisions come not from the colour of their hair nor from the language they speak. It comes from the type of person they are. Perhaps the best way to describe it is to draw an analogy.

Long ago, there were two groups of people: the Spartans and the Athenians. They were two mighty states in ancient times whom all others held in high regard. Yet they were very different peoples. One group, the Spartans, were a tightly-knit society who maintained their unique culture through the use of physical force. The laws they respected were those maintained through the strength of arms. As they grew more powerful, they subjugated neighbouring towns and cities. They did not treat these people as equals, but looked down on them and their ways. The Spartans believed in themselves so strongly that they refused to consider any idea that did not originate from within their own ranks. As time grew on, in order to keep the additional cities subjugated, the Spartans became increasingly good in the art of violence. The Spartans achieved this by discouraging individuality in the hope of creating a better army. The passions of life, such as music and poetry, were eliminated or made to be static and serve a purpose where none had existed before. Love was merely a means to an end — more young Spartans to fill the ranks. The words of advice and leadership came from those who were old and bitter. The Spartan ideal was to build the perfect society and then carve it in stone so it would be indestructible.

Athens, by contrast, was a city where art and music flourished. Their patron goddess was the goddess Athena, goddess of the crafts and of wisdom. In this prosperous city, trade and commerce were seen as the fair way to earn a living. Athens was the seat of democracy and advice was given and received by young and old alike. Theirs was a culture that encouraged more than just music, however; it also encouraged thought. It advocated the challenging of their minds with ideas and concepts that they'd not encountered before. It was through this process of continually tearing down the walls and the ideas that supported them that the Athenians found their strength as a society of constant turmoil and upheaval.

As with any two diametrically opposed groups, the Athenians and the Spartans eventually infringed on each other's territory and war broke out between them. Chaos versus order, change versus stability. It is a battle that still goes on today.

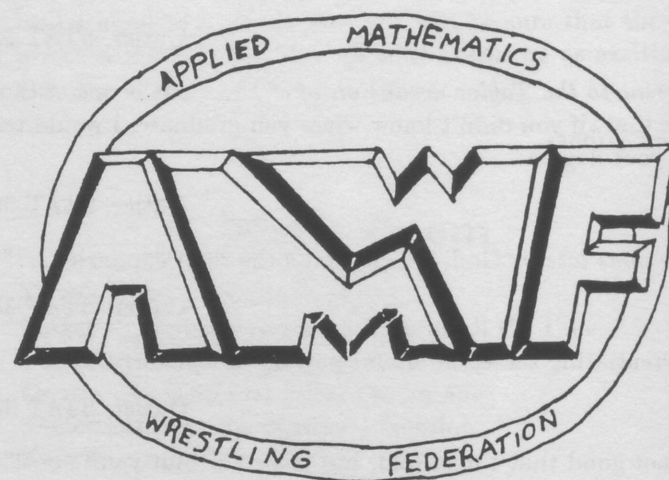
So how does one know which side another stands for? When you walk down the street and see a child using brute force to achieve his goals or a full grown woman singing to herself, you will know whether you are looking at an intellectual descendant of an Athenian or a Spartan.

It comes down to the same choice for every individual. Do they wish to pursue the intellectual heritage of the Spartans or the Athenians?

I think that the greatest compliment that I can bestow on the graduates of this class is this: As I stand here today, I am proud to declare that, in my graduating class, the Athenians far outnumbered the Spartans.

Thank you, and may you always find success in life.

Humble Disciple of Athena,
Blucius Enigmus



AMWF who?

Hey, I got my priorities here...

Looks like you good folk in the AMWF (and those of you who care what happens in it) are going to have to wait another two weeks for the next card. After 24 hours of Barbu (damn you, Mr. Subliminal!), followed by Wrestlemania XIV (Stone Cold opening up the can!) and me losing my non-single status (and it's not so bad being... hey, wait, it still blows goats!), the AMWF card was, well... not in the cards I suppose. Apologies go out to whoever cares, and for those who don't... two words: s*ck it! (Damn Shawn Michaels!)

Icor "Doing it the hard way" the Mighty

A UNIX Man Page We'd Like To See

feather(1) User Commands feather(1)

NAME

feather - used to express dissatisfaction with institutions, entities, and personal opinions

SYNOPSIS

feather [options] [target]

DESCRIPTION

The feather command dumps feathers all over the given target. If target is unspecified it reads stdin. Usually used in conjunction with tar(1) to inform target that their opinion is bigoted, hurtful, or just plain wrong.

"target" is usually in the form of an e-mail userid; however, certain entities without an e-mail address can be targets. Supported targets include NeedlesHall, FoodServic, and KWTransit.

OPTIONS

- n # Use "#" feathers. This allows multiple users to join in the fun.
- O Use ostrich feathers.
- s Use environmentally-friendly synthetic feathers. (If used in conjunction with -O, use synthetic ostrich feathers.)

EXAMPLES

Inform a professor that you dislike the mark given to you on the midterm:

```
example% feather prof_id@domain
```

Make your opinion of STAT231 public:

```
example% feather -n 200 stat231
```

Express to the mathNEWS editor that you were offended by an article:

```
example% tar mwalsh | feather -O -s
```

SEE ALSO

lynch(1), burn_at_stake(1), tie_to_anthill(1), stone(1), defenestrate(1)

BUGS

"feather" is easily confused with "cfeather", which replaces the current feather in Matt's cap with a new one.

Mike "Hammer" Hammond

Subscriptions!

mathNEWS withdrawal pains aren't to be trifled with

Summertime... and the living is easy...

But wait! Summer probably means no more school, and no more school means no more mathNEWS! That can't be correct! How the hell are you going to keep your string of Squiz submissions going strong? Well, you could read mathNEWS on the web, but there are a couple disadvantages to that:

- You can't read it on the can.
- And we aren't going to tell you the URL (Nyah nyah nyah).

So, the only sane thing to do is to subscribe. You'll receive (postal-strike unwilling) all six issues to your door or P.O. Box. Here's how our brilliant scheme works:

	Canada	US	Overseas
One term	\$7.50	\$10	\$15
One year *	\$20	\$25	\$35

This is the cost of 6 (per term) exciting issues of mathNEWS. All prices are in in Canadian funds.

* The "one year" indicates 3 terms that are not necessarily consecutive. That is, if you're at U(W) for the Winter 98 term and off on a work term for the Spring 98 and Winter 99 terms, then you could get a year subscription for Spring 1998, Winter 1999 and Fall 1999. You could pick up the Fall 1998 and Spring 1999 issues in person!

If you can't figure that last paragraph out, don't worry, it's not on the STAT 231 final. But, you can stop by the mathNEWS office or email us at mathnews@undergrad.math.

Subscription forms (along with cash or cheque made out to mathNEWS) can be dropped off at the mathNEWS office whenever one of us is around or slipped under the door when we're not. If you are mailing us a subscription form, please send it to the address listed in the ISSN along with your cheque. (F = Sept. to Dec.; W = Jan. to Apr.; S = May to Aug.).

The mighty mighty mathNEWS editor

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Canada: \$7.50/term, \$20/year

U.S.: \$10/term, \$25/year

Overseas: \$15/term, \$35/year

My Love

Often, as you go through life, people ask you questions you can't readily answer. Questions such as "Why did you do that?" or "Why do you believe in that?" One that I have been asked several times over the years is "What does your perfect love look like?" It seems hard, to me at least, to be able to put an answer to that into words. After all, how do you describe someone who can only be found in the dead of night, wandering through your dreams? But maybe, just maybe, as you go through life you come to see a little of that person in the real world. My love...

My love has long, dark hair. She has eyes one can gaze into for hours on end. She is intelligent and witty, and not just in the academic sense but in the wisdom of the real world. She is a woman in every sense of the word, yet a little girl wearing pig-tails still lives in her heart. She is full of a youthful exuberance and a fun-loving spirit that brightens any day. Her smile reaches into my soul and comforts me in a way I never realized I needed. She likes wearing dresses...but looks just as good in her old blue jeans. She loves to dance. When she thinks she is alone, she sings to herself. She is always on my mind. Perhaps it is the scent of her hair or the soft fall of her feet, or maybe even the way the hairs on my neck tingle that alerts me to her presence in the room, even when my eyes are closed. She loves massages...both giving and receiving. She is smaller than I physically, yet could be no less than a giant in my eyes. She is athletic and outgoing and possessed of an energy I can only admire. She takes on more than I think she can handle...and then manages to succeed at everything while still helping me. When she cries, as she sometimes does, I am able to give her a shoulder to cry on, though I wish I could do more to lessen the

pain. She loves her family and has many friends and can charm even my grouchiest acquaintances. She likes to get dressed up and go fine dining, catching a show at the theatre afterwards. She likes to go home when the show is done and slip into an old t-shirt and curl up with me. And when she falls asleep in my arms I know only that nothing will disturb her so long as I breathe. She looks like an angel when she is sleeping. I've stayed up for hours because I love to watch her as she dreams. She is wild and crazy at times and will follow me wherever I go, just as I'd follow her. She is my inspiration. She loves long walks in the country. She is a girl for all seasons as she brings the sunshine and warmth with her. She has many of the same interests as I do and we can stay up all night talking...just to see the sun rise the next day. She has many other interests and is always dragging me along to experience them with her. But I never tire of it. She teaches me something new each day about what she knows about life or about love. She still believes in unicorns and fairy-tale castles, and one day I know she'll find them. She is the one who brings out the best in me and is everything that I will ever need. She is strong and independent, yet...and though I can't imagine why, in spite of all that she is, she still needs me.

She is my love.

Any resemblance to any person, real or imagined, is purely in your mind...but might I suggest that if this reminds you of a person you know, tell them. And if they let you into their heart, never forget how lucky you are to be there.

Blue

Movie Reviews For You

Reviewing the films that matter to math students

It's not every day that mathNEWS is invited to a press screening of a major motion picture. But, when we want to publish news and reviews that matter to you, the mathie student, we don't pass up on opportunities like this, either. We're proud to present here our review of

Barney's Great Adventure

An adventure as big as your imagination.

It appears that this Polygram film may be the first one this year to loosen the stranglehold grip that Titanic has had on the box office. This no-holds-barred movie is what movie audiences across North America have been waiting for, a captivating epic filled with wonderful special effects and jawdropping scenery.

Barney's Great Adventure stars George Hearn (best known as the guy in *Sneakers* who says "You must trust me, Martin."), Shirley Douglas (star of *Screwball Academy* and currently playing May Bailey on *Wind at my Back* on the CBC), Trevor Morgan (the cancer kid on *ER*), and Kyla Pratt (Charla on the episode of *Friends* where Rachel quits her job). This all-star cast will guarantee a big opening weekend, but it remains to be seen if Leonardo-itis will hit Trevor Morgan, and propel young Trevor into superstardom.

The screenplay by Steve White (*Live Nude Girls* and all of the *Amityville* films) is a deft blend of dinosaur mishap and rompish delight. Several one-liners that Barney emits are so on-the-mark that they could have come from any classic Neil Simon play. The cinematography by Sandi Sissel (*Nights Sins* and *Salaam Bombay!*) is top-notch. Sandi has a very good eye when it comes to framing a shot around some very mobile dinosaurs and friends. The production design by Vincent Jefferds (*The Pornographer* and *Live! From Death Row*) conveys the very essence of a playground. The superb editing by Richard Halsey (*Losin' It* and *Body Rock*) will keep audiences on their toes. Ronna Kress (*Intimate Betrayal*) once again performs casting perfection.

While director Steve Gomer (*Sweet Lorraine*) has had some budget troubles in the past, he made sure that all \$15 million of his Barney budget was up there on the screen. Filming on this movie began last July in Montreal, and the movie could have been ruined if it did not finish before the ice storm hit. Fortunately for movie-buffs worldwide, under the steady hand of Gomer, this film was finished ahead of schedule with time to spare.

Be sure to download the trailer off the web at:

<http://movielist.simplenet.com/b/barneysgreatadventure.html>

This masterful piece of cinematic history is not to be missed.

CAS

Artificial Intelligence

Without leaving my house, I know the whole universe.

It seems as though one must be an optimist in order to be a dissident these days. People seem to have no problem agreeing on how terrible the world is. It takes a revolutionary to point out how wonderful it is. It is easy to see the flaws in things, and not so easy to see the beauty in them. But life is dull without challenges, and I like to be contrary. So I choose to be an optimist.

It has often been said that civilization is in a state of decline. It is common to hear people wish for the good old days. I wonder to which good old days they refer. Is it the days in which people had a life expectancy under forty years, and in which few children lived past the age of three? Or perhaps it is the the days in which people performed physical labour all of their lives just in order to survive, with no hope of any other life. Maybe they would prefer the days in which minorities were enslaved. Or the days, so recently ended, in which women were not considered the equal of men. But I am afraid that none of these times seem like the good old days to me.

There is no time in the history of humanity like the present. When I look at the world, I do not see a society in decline, but rather a society just beginning to realize its potential. Many of the flaws in previous ages were the result of the fear that people have of what is strange to them. But this fear seems to be disappearing bit by bit, leaving in its place an understanding never before known to humanity. The result is tolerance, which gives us the freedom to consider new points of view, and to create our world the way we want it to be. In addition, technological progress has relieved our physical burdens and prolonged our lives. Of course there are aspects of society that need improvement, but what makes our situation now so much better than it ever has been in the past is that we have the opportunity to recognize what needs improvement, and the power to change what needs to be changed. No other age could

claim such hope for the future. That is why we are, without a doubt, a part of the best time the world has ever seen.

I would like to finish off my column for this term with a few words of explanation and response. I chose to write this column anonymously for a particular reason: it is too easy for people to find a reason to dismiss an opinion if they can find something in your character with which to associate that opinion. If one can say to oneself, "He only thinks that because he is in computer science," or "She only thinks that because she is a girl," then one doesn't have to consider the possibility that the opinion is valid. I wanted the ideas I have presented to stand on their own, and to be considered for what they are, and not for who I am.

I was also lucky enough to have a couple responses this term. The first was the well-written response to my views on religion, printed in an earlier *mathNEWS*. The second was via email to the editor, and was an uncomplimentary comment on my articles in general. However, I cannot take it to much to heart, as the writer seemed a little confused: he was somehow led to believe that the article in this term's first issue outlining why men are better than women was mine. I think I hardly need explain why it is unlikely that I would hold such an opinion. But any response at all is very complimentary, since it indicates not only that someone is reading my column, but that someone is actually thinking about what I have to say. I cannot thank both of my responders enough.

This has been one hell of an interesting term, probably the most enjoyable of my university career. I started off this column by saying that I wanted to have a few more interesting people to talk to. And wouldn't you know, if you look for something, you're sure to find it. Now go out and look for what you want.

Jodi "The One Who Watches" Moran

Man of the Year

Andrew Thompson: A True Canadian

It's not often that the actions of one man can truly change society. Those who can go down in history as examples for the rest of us. Perhaps this is how we will remember Andrew Thompson, who last week, in a generous gesture, resigned from the Canadian Senate.

For those of you unfamiliar with Mr. Thompson's story, here it is in brief. A long-time Member of Parliament, he was appointed to the Senate in 1967, and served there (in his own fashion) for over thirty years. Despite being crippled by a debilitating illness (the nature of which he never revealed), he was nonetheless able to provide help to many people across Canada (although he never gave specific examples). Since 1990, he has been concerned with many important issues, especially with the construction of his \$250,000 (U.S.) mansion in Mexico. No wonder he has only been able to attend meetings of the Senate fourteen times during that period!

Yet, this was not enough for some of his critics. In February he was called before the Senate to account for his absence. Being a true parliamentarian, he wisely refused to descend to the level of informed discussion, opting instead to remain in Mexico. That the other senators took offence is inexplicable. Although constitutionally unable to remove him from his position,

they suspended him, leaving him without his \$64,000 salary or \$10,000 tax-free allowance. Fortunately for Mr. Thompson, his resignation means that he can collect a \$48,000 per year pension for as long as he lives.

It is indeed rare for one man to bring Canadians together so universally on an issue. The five political parties in the House of Commons were unanimous in their condemnation. Canadians from coast to coast, of all cultures and faiths, have been thrown together, galvanized in their opposition to such a waste of money. It seems that, at long last, the drive for Senate reform in Canada has found its champion! Already the Senate has introduced new regulations to protect itself from such abuses. Already there is talk of fixed terms, elected members, even abolition of this antiquated institution. And all because of one man: Andrew Thompson. We salute you, Mr. Thompson, for doing what no sane man could: shaking up the Canadian political system. It is truly a shame that he will no longer be able to serve in the Senate, no longer an example to voters of the future. Truly, there will never be another man like Andrew Thompson — or at least we hope not.

Richard "The Kitchen Cynic" Bilson

Life in the Slow Lane

Is the term over already?

Hello again, my dear mathies! How's it going? It's hard to believe that today is the last day of classes. Where has the term gone? It's just amazing how time can fly when you're having fun. Or when you're trying to actually do work on assignments, instead of having fun. Whatever.

Anyways, here is just my random collection of thoughts for this issue:

- **WrestleMania XIV ROCKED**, baby!!! That was definitely one of the better wrestling pay-per-views to be staged as of late. I caught it Sunday evening with a group of friends at the Howl at the Moon Saloon. While watching WrestleMania XIV on the giant screen at the Howl was awesome, I was not impressed when the people in charge of the remote at the bar decided to not turn on the sound, despite the cries of 4 tables full of people who came specifically to watch WM XIV. The slow service did not help to enhance the evening, either. However, the experience overall was quite enjoyable. Austin 3:16 rules!!
- I officially declare that this weather also rocks!! I know that some of you out there probably will complain about this weather, because of the rain. I say, "Who cares? **It's not snow!**" I, in fact, enjoy walking in a gentle, warm spring rain. I don't think that anyone can tell me that they would prefer the snow and the cold over the weather of the past week and a half. Just so long as it is warm, I say, "Let it rain, let it rain, let it rain."
- **Play Ball!!** Another season of baseball has descended upon us, and I for one am excited about it. Baseball is one of the few sports I really enjoy watching on T.V. (although listening to the games on the radio while doing some activity outside is one of the best ways to spend a summer afternoon). I am one of the biggest Blue Jay fans you'll ever meet, and I am going to go out on a limb here to make a prediction: The Toronto Blue Jays will be the sleeper team of the American League, and will steal the Wild Card spot from the Baltimore Orioles. The Jays have the best pitching staff in the American League, and only Atlanta, in my opinion, can rival the Jays for the best staff in the majors. If new manager Tim Johnson can coax enough offense from the everyday players (who have the talent necessary to do so), then this will be a great season in the SkyDome. And, by the way, Joe, I wouldn't be blaming the smaller crowds over the past couple of seasons for your deteriorating numbers...
- Another week, another several hundred people give up on the Toronto Maple Leafs. They're dead. Cooked. If anyone bought advance playoff tickets, get refunds NOW. The Leafs are not going anywhere, and after they move to the Atlantic Division next season, they won't be going to the playoffs for a LONG time. Oh well... Did I mention that baseball season is here?

Chris "Mr. Subliminal <Go Jays Go!!>" McGuire

gridCOMMENTS

Cryptic Guy

Well, this is the last grid of the season. Thanks all, I've had a lot of fun. Thanks **ESPECIALLY** to Matt who has put up with all my deadline pressures (and who can spell).

[Since Doug is off being interviewed or something, I was left to mark the Cryptic solutions. There were two; Ian "the Word Guy" Facey got seven squares wrong, although one of those was due to Doug's error; Claire Bilodeau got six wrong, and caught Doug's error. By a sufficiently random process Claire is the winner. Oh, and 15 Across was 'scope', not 'stare'. There will be another issue, so there will be prizes for this grid, so please submit solutions. — ΣEd.]

I will try to make an Easy Cryptic available to those people who want to cut their teeth on an easier one — just send me e-mail.

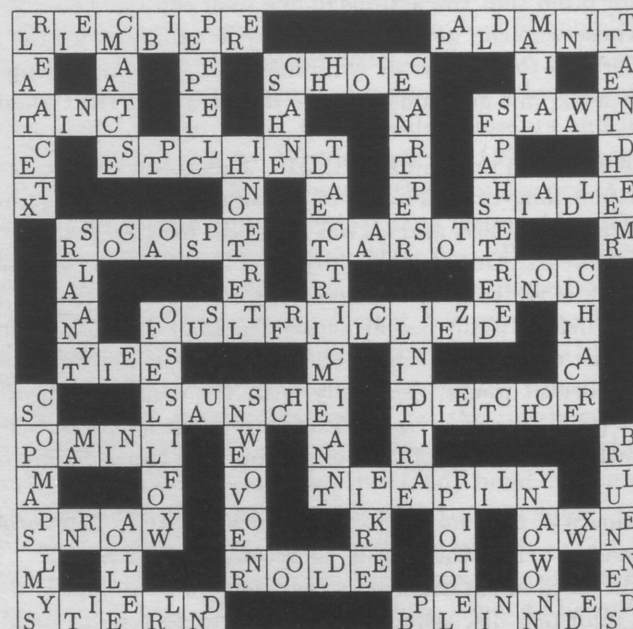
Doug "Writing this from Indianapolis" Becker

Conventional Guy

Back again for another issue, are you? Well, guess what — you missed out on the best issue last time, so we have another gridWORD of crap, er, mediocrity for you this week. Have a great Friday morning.

Submissions from last week's issue have been recalled, but there will be prizes anyway. We won't name names, but "Ian" got it all, and "Claire" got all but one of the clues. Bravo to all. Remember that you can drop off submissions from this week's issue in the black box on the third floor of the MC, and there will be an issue #7, so there will still be prizes at stake.

Tim "Crack-Boy" Coleman



An Editorial

About last issue...

All right.

There's been a lot of talk on the newsgroups and stuff with regards to Volume 76, Issue 5 and its subsequent recall. I thought that I'd set a few things straight.

Firstly, most have you have seen my formal apology on the newsgroups about the first commercial in "You Don't Know Math 2", print version. I've also apologised in person to Ms. Coté. Since third time's a charm, please allow me to once again apologise for my slip in judgement.

Sexual harassment is a very thorny issue. Because of the very vague nature of the term, it's not always easy to predict in advance what constitutes harassment to any one person. Many people have told me that they wouldn't have been offended, and some few people didn't even see a problem with the article; however, Jen had every right to be offended, and I do agree that a line was crossed.

However...

I don't agree with the decision to recall the issue. What's done is done, after all. Two-thirds of the print copies had already gotten to people's hands; three hours had passed since the release, and there could have been *mathNEWS* in Peterborough by the time of the recall. Besides, it's already been shown how easy it is to redistribute the controversial material. (Thank you, Tom Rathbourne. If it wasn't for you, think of all those people who would have been deprived of the evidence of my fuck-up.) The recall (which, I've been told, was not directly ordered anyhow) was censorship, which is something that I've always had a problem with.

Finally, I'm not going to pretend that this didn't happen. I made a mistake. I'm accepting that. I've tried to correct it as best as I can. That's about the most that I can do.

I'd like to thank everyone who's been so supportive to me over the past two weeks, by the way. It's good to have friends.

Have a good Easter, everyone. (Or Passover. Or whatever.)

Matt Walsh, the Editor

The Oracle Speaks

Dear oracle,

will i ever meet Zac Hanson?

ZacsHotChk@aol.com

Gentle worshipper, the Oracle understands your pain, your yearning for the unattainable. He knows that you are a woman of taste and refinement — with some work on your capitalization skills, any man would find you attractive. Yet, the Oracle is puzzled: how could you be attracted to such a worthless piece of decaying meat as that Zac Hanson? His transient fame with a trashy teen-pop group can never compensate for the desolate years of poverty and addiction that await him. No, you will never meet Zac Hanson — be grateful.

The Oracle

A Little Problem

Math Strikes Back

After a week off, I'm back with a final set of math problems for you to solve. These were graciously donated again by Professor Ferguson from the CMC's collection. I have three puzzles for you this week. The first should be easily manageable by anyone in math. The second is also manageable, but perhaps a bit more difficult. The final problem should pose a challenge for most students here, except possibly the people who submitted the answer to my coin balancing problem (good job by the way!). Hope you have fun with these!

Problem 1: Three rugs have a combined area of 200 m^2 . By overlapping the rugs to cover a floor area of 140 m^2 , the area which is covered by exactly two layers of rug is 24 m^2 . What area of floor is covered by three layers of rug?

Problem 2: One way to pack a 100 by 100 square with $10\,000$ circles, each of diameter 1 , is to put them in 100 rows with 100 circles in each row. If the circles are repacked so that the centres of any three tangent circles form an equilateral triangle, what is the maximum number of additional circles that can be packed?

Problem 3: A bag contains a total of n balls, some black and the rest white. Two balls are drawn from the bag at the same time. If it is equally likely that the two balls are the same colour as it is that they are different colours, find all possible values for n and the corresponding numbers of black and white balls.

Blue

Cryptogram

A very merry unbirthday to our readers. Well, we are sorry to see the term end, we've enjoyed so much these little exchanges. Makes our lives worthwhile. As well, our other article in the last issue was well received, as far as we can tell, by the few people who are actually in Pure Mathematics and could get the joke. For any who didn't quite figure out our last puzzle, here's the solution:

A friend is one soul in two bodies. -- Aristotle

Our last puzzle (this term, anyway) is a little something to remind you of how important those looming exams really are. The solution can be found elsewhere in the issue. Your clue is v equals w for:

Vcqm eaa xhsk ldcfgdf deg xhs qfaa mhv cq cl, ego

vmfgdf cq cl, qmeq acrmq ddbfl cgqh qmf lhsa? --

Mfgkx Oeuco Qmhkfes

Hope you've enjoyed our little foray into philosophy. Look for us again in the fall term. We bid you a sad final farewell.

The Avengers - June 26

Spermatikos Logos #5

Happy April 3rd, Mathies. I received 4 entries to last issues puzzle, all of which were correct. The entries were submitted by Claire Bilodeau, Chris Lutka, Greg "Hologrami" Taylor, and Jon M. Savoie. Correct answers to the bonus questions were submitted by Claire and Jon. The unbeatable strategy for the white player is to make the first play at the center of the board and to make every subsequent play exactly the same as black's previous play mirrored through the center. This week's winner by random draw is Jon M. Savoie. The correct answer to last week's puzzle is as follows:

Player	Prizes Won	Game Played
Ana	V.C.R., Trip	Bullseye
Benny	Cabinet	Squeeze Play
Craig	—	—
Dave	Stove, Car	Lucky 7
Ernest	—	—
Frank	Watch, Spa	Hi-Lo
George	Luggage	Grocery Game
Irma	TV, Truck	Hole in One
Jane	—	—

Showcase Showdown Winners: Benny, Frank

This week's puzzle is my homage to my favourite movie this year.

Titanic has been showing at Theatre Loopenzo now for a record number of weeks. It is being screened there every two hours (i.e. midnight, 2am, 4am etc.). On the 13th of last month 12 members of the PCSC went to see the movie and sat together in a 4x3 block of seats (A1-A4, B1-B4, C1-C4). 'A' was the front row, and '1' was the left-most seat. Each of the twelve people had been to see the movie several times before (between 5 and 16 inclusive). The 12 also noted that they had each last seen the movie on a different day earlier in the month (1st-12th) and at a different showing. Each of them had purchased a food item (candy, hot dog, ice cream bar, or popcorn) and a drink (small, medium, or large size). Among the 12 were 5 women (Patricia, Petunia, Patsy, Pria and Pam) and 7 men (Patrick, Peter, Paolo, Pablo, Paul, Pavel and Paco). One of the 12 had the last name Short. Each of the twelve had a different age (18, 22, 25, 27, 28, 29, 36, 44, 50, 54, 56 or 58) and a different occupation (one of the twelve was a gardener). Use the clues below to determine each person's full name, age, occupation, seat number, food item and drink size, and the last day and time they saw *Titanic*. (Note that two adjacent seats can be either side by side (A1-A2) or one in front of the other (A1-B1).

1. No two of the people bought the same combination of food and drink.
2. No two people with either the same food item or the same size drink sat in adjacent seats.
3. The three people who bought hot dogs were the clothier, the woman who attended the 4am showing on the 7th and Paul Sappler.
4. The three people who bought popcorn were the one who last attended an 8pm showing, the immigration officer, and Slift.
5. The three people who bought candy were Pam, the one who had seen the movie 9 times already and the one who last saw the movie on the 10th.
6. The three people who bought ice-cream bars were Smith,

the 44-year-old and the agronomist.

7. The four fans who bought large drinks were the one who had seen the movie 10 times, the engineer, Pavel and the woman in seat C
8. The four fans who bought medium drinks were Simcoe, the man who had last seen a 6pm show, the person who had last seen the movie on the 4th and the 50-year-old.
9. Seated in row A were — in some order — Petunia, Stuart, the 58-year-old woman and the baker.
10. Seated in row C were — in some order — the person who had last attend a 6am showing, the one who has seen the movie 12 times, the woman with a hot dog and a small drink, and the one seeing the movie for the second day in a row.
11. The three seats numbered with a 2 were occupied in some order by Pablo, Sharp (who didn't buy a small drink) and the 27-year-old.
12. The three seats numbered with a "4" were occupied in some order by the person with popcorn and a small drink, the one who had last seen a midnight showing, and the woman who had seen the movie 13 times before.
13. No two women sat in adjacent seats.
14. The man who had seen the movie 7 times before sat immediately in front of the 56-year-old.
15. Paolo (who had seen the movie 8 times before) and the 20-year-old weren't sitting side by side.
16. The people on either side of Patricia were: the letter carrier and the 36-year-old (who had seen the movie 6 times already). Immediately in front of Patricia was the person who last saw the movie on the 1st and immediately behind her (Patricia) was the person who attended the 10am showing.
17. Mr. Shales (who had popcorn) sat immediately to the left of the person who had last seen the movie on the second and immediately in front of the 54-year-old, and immediately behind a person who was not a dentist.
18. Pria was seated directly behind the store manager, the two people to her left and right were Sawyer and the one who had last seen *Titanic* on the 6th, in some order.
19. Simmel and Slift sat side by side.
20. The people who had seen the movie 7 and 15 times before had last seen it on consecutive days.
21. The mason had seen the movie one more time than Patrick Spanek, who had seen the movie two more times than the person who last saw a 4pm show, who had seen the movie one more time than the 25-year-old.
22. The person who had last seen a 2pm show on the 3rd was twice as old as the one who had seen the movie 5 times before.
23. The person who bought popcorn and a medium drink was twice as old as the person in seat B
24. Scorsese was twice as old as the taxi driver.
25. The man who last saw a 10pm show was twice as old as the one who last saw *Titanic* on the 8th.
26. Peter last saw the movie 3 days after the florist last saw it, but three days before the person who had seen the movie 16 times before.

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mathNEWSquiz #6

Hey all! In spite of some difficulties in getting the last issue out, I'm pleased to see a steady number of submissions. Winning for the second week in a row, The Bad Sectors scored 46. Way to go! Running close competition were The Co-op Guys with 43, followed by Claire Bilodeau with $39\frac{1}{2}$, Chris Lobban with $38\frac{1}{2}$ and Ian "The Word Guy" Facey with $37\frac{1}{2}$.

Last weeks answers: 1) Upset 2) Prof. Moriarty 3) Reese's Pieces 4) Monaco 5) Chuck Berry 6) Winston Churchill 7) Blue 8) East Side Story 9) The Gideons 10) Poirot 11) Adventure, Fantasy, Frontier and Tomorrow 12) Hanna-Barbera, Medieval Faire, International Festival, Splashworks, Kid's Kingdom and Grande World Exposition 13) Dag Hammarskjold 14) Surf City 15) 100 16) Trick question: there was no blonde girl 17) Pierre Leuders 18) to drink or to be one with 19) seven 20) Yonge 21) Preakness 22) off-road 23) oak 24) the Devil 25) Practically Perfect In Every Way 26) Spike (or Olaf r Andy) 27) Black 28) Samuel Longhorne Clemens 29) two fathoms 30) daffodil 31) Tigers and leopards (or jaguars) 32) No; bulls are colourblind 33) first Sunday of April and last Sunday of October 34) Sir Sandford Fleming 35) Creatures of sea and air 36) France 37) Rommel 38) Mel Torme 39) Bull and Finch 40) Richie Valens and "The Big Bopper" 41) Waylon Jennings (or Tommy Allsup) 42) Nov. 10, 1975 43) Gordon Lightfoot 44) Bookkeeper and bookkeeping 45) queue 46) St. Peter's in Rome 47) Our Lady Peace in Yamoussoukro 48) Earps: Virgil, Wyatt and Morgan 49) Not at the OK Corral, but halfway across town from there 50) Yes.

This week's clues:

- How many time zones are in Canada?
- In Brazil?
- In China?
- Labrador, Paraguay and Argentina all lie at 60° W. Which one, however, is one hour ahead?
- What is the main ingredient in an atomic clock?
- What country was once known as Upper Volta?
- In what year did this name change occur?
- The year after that, this professional sports league folded.
- The year after that, this professional sports league folded.
- What is the factual error in the Bomber scene in *Microserfs*?
- How many bridges are there across Laurel Creek on campus?
- What was the name of the Bomber before it was The Bomb-shelter?
- Since 1993, how many buildings on campus have been re-named?
- Room number of the Bomber?
- Cost of a shot at the Bomber on a Friday night?
- This is how high the tide rises at the Bay of Fundy.
- In an average year, this is how many full moons there are.
- What is Dennis The Menace's last name?
- Who did Lurch work for?
- What does the "scotch" in hopscotch mean?
- Who wrote *Chitty Chitty Bang Bang*?
- What are Mickey Mouse's nephew's names?
- What was Mickey Mouse's original name?
- What are the names of the two old hecklers in The Muppet Show?

- Name the 5 Marx brothers?
- What 80's pop singer was an uncredited extra in *Ghostbusters*?
- Licence plate of the car stolen in *Ferris Bueller's Day Off*?
- What scene was in the director's cut of *The Highlander* which wasn't in the original?
- What movie stars Corey Haim and John Cusack?
- What actor was awarded an Oscar engraved with the name "Dick Tracy"?
- How many of the *Magnificent Seven* survive in the end of the movie?
- In *The Phantom Of The Opera*, who does Christine end up with?
- What opera is *Rent* based on?
- Name of the plant in *Little Shop Of Horrors*?
- What is the only venomous British snake?
- How wide is home plate in Major League baseball?
- How far is it to the pitcher's mound from home plate?
- What do the Japanese call Japan?
- What do the Greeks call Greece?
- What European city is Karl Marx buried in?
- What is the oldest pro-athlete trophy in North America?
- What is the largest organ in the body?
- What is the largest gland in the body?
- What is the largest bone in the body?
- What is the maximum number of clubs a golfer can use in a round?
- What is the largest lake in the world?
- Who was the only U.S. President to be impeached?
- Who built the Spruce Goose?
- What make was Al Capone's favourite bulletproof car?
- What is the only bird that gives us leather?

Submissions are due by April 13th at 6:30pm. Usual spots: BLACK BOX, mathNEWS office, mathNEWS mailbox in the MathSoc office or email mathnews@undergrad.math. Good luck!

SquizMaster Blue and his minions
Latrell, X-Man, Dee and Frosh Boy Dan

continued from page 12

- The occupant of seat B3 had last attended a 2am showing.
- The 22-year-old had most recently seen the movie — for the 14th time — at a noon showing.

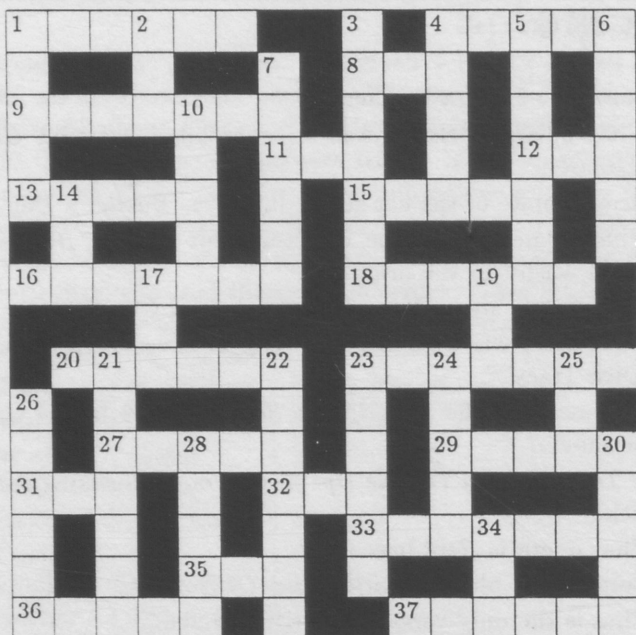
Good Luck!

Bonus Question: Assume all mad people lie and all sane people tell the truth. If the King said the the Queen said that the King said that the Queen said that the King said that the Queen said that the King is mad, would the Queen be mad or sane?

Robin Stewart

Good Luck on Exams, All!

Unless, of course, you were hoping to fail



Grid Clues (Cryptic)

Across

1. brush current place from fight
4. displays guard duties
8. One Canadian award without bird
9. Am soured cream? am paper art
11. Group Land
12. Pressure strength index
13. Shell epic on cheese product
15. Give out current magazine.
16. Protected and encased red love
18. Reversed label in bred nullify
20. A setting place
23. See you, Ok? Shuffled frozen cheat.
27. Fixed a drip quickly
29. straying distance from Bran Germ
31. Point left small loaf
32. Tang missing biped foot is demented
33. Obscure a incorrect turn
35. Greek language foundation is mystic energy.
36. Foot holder that is crushed is noble
37. meal comes to an end poorly

Down

1. Chortle over my ingenious Chap
2. Ban pressure unit
3. bidding sale for decisive move with you.
4. Boat holders and channels for communication
5. Dragon here is contorting.
6. Dirt surrounds cheap demise and destroys it.
7. Woman, in resounding plant, is well guarded
10. Loathe haven without dawn's first rays.
14. Gather without vapid plank
17. Poem swore money exchange required
19. Religious symbol is finally shaded.



21. Talking excessively while consoling sob ever.
22. Visual recall is order with all prerequisites to see
23. Unfeeling, all breaks cattle
24. sing "‘whale’ dreamed" on April 5th
25. Solidified upside down calf holder
26. Consistant as the new seen sun, the moon and an excite.
28. Strifeless empty pate one hopes
30. Short clip lacking head photo is a lot of work.
34. Little rascal is simply without guile.

Grid Clues (Conventional)

Across

1. Evil
4. Fruit of Eden
8. A woman with a habit?
9. A-Team Member (2 words)
11. Hee-____
12. Friend (Fr.)
13. Not ever
15. Small piece of land
16. Organic rings
18. Crushes into little pieces
20. Pointy things
23. Greek mythological creature
27. Empty
29. Religious requirement
31. The Champ
32. Grad students belong to it
33. An Anderson
35. Fin
36. Filled Up
37. Professional liar

Down

1. Feminine one
2. First Aid ____
3. Precipitating
4. Negate
5. Folded over
6. Kingdom
7. A simple hydrocarbon
10. Spooky
14. Before
17. Menagerie
19. Afternoon snooze
21. Glowing
22. Apollo, Helios and Ra (2 words)
23. Worship
24. Reject, repulse (obs)
25. Tolkein's tree-men
26. Head fillers
28. With weapons
30. Samurai virtue
34. What cattle do