*look*AHEAD

*math*NEWS

March 13	Pis are eaten and mirrors broken by a mob of black cats
March 23	Writers congregate for their last pie of the semester
March 27	Stale, leftover pi is fed to Mathies

University

March 14	March Break Open House
March 20	Drop, penalty 1 period ends (WD)
March 21	Drop, penalty 2 period begins (WF)

MathSoc

March 13–14	Pi Day Celebrations
March 24	General Meeting

Miscellaneous

March 14	Actual Pi Day
March 17	St. Patrick's Day
March 20	March Equinox
March 20	Extraterrestrial Abductions Day

Terrible Incentive Systems

Poor incentives in *math*NEWS are well-established: just see any past 2-sentence article about the availability of free pizza. However, it goes deeper.

Last issue I apparently won the Article of the Issue. This comes with a gift card, which is nice because free money, and recognition proportionate to the number of people who actually read these things. But what's hilarious is the apparent reason I won. The article was examining the commutability of sandwiches, and the citation was: "It is totally not commutative and you know it. Pick up your prize and use it to buy a sandwich."

In this spirit, I will continue to write knowingly false articles, and hope to use them to purchase the items I lie about.

tesseract

Julie Sturgeon (Apple), Katherine Tu (Strawberry Rhubarb), Jose-Miguel Velasco (Cherry)

*mast*HEAD

In the spirit of Pi Day, we asked our writers: "What is the ultimate pie?"

Beyond Meta("A pie to the face of your enemy that obliterates them in humiliation"); $s,t \in \{2k, k \in \mathbb{Z}\}$, 144("Hopefully worth all the hype"); theSMURF("A game played between two teams where a pie is passed between the players with the goal of reaching the other team's endzone."); tesseract("Tau = 2π"); Shay Blair("Cake"); Wolverine Panda("Cream Pie"); Ice Nine("10 flavours enter Evolutionary pressure on taste. Evolve a pie."); cat("Field's Medal."); Theodore Bear("Lemon Merigue"); quiz("$s = \{k\pi, k \in \mathbb{N}\}$"); Proof("the pizza"); himynameis("3 Dimensional Character Pie"); GingerbrED("Venn-pieagrams"); darshwanda("octopi $\pi\pi\pi\pi$"); lightningbug("the kind without live birds in it"); psychomath("ALL PIE IS WONDERFUL!"); kLsandhu("3.14529..."); Zethar("One hidden, infused with conspiracy."); Glec("Grandma's Straberry Rubarb at Christmas"); Stubbs("-_-... Pie flavoured.")
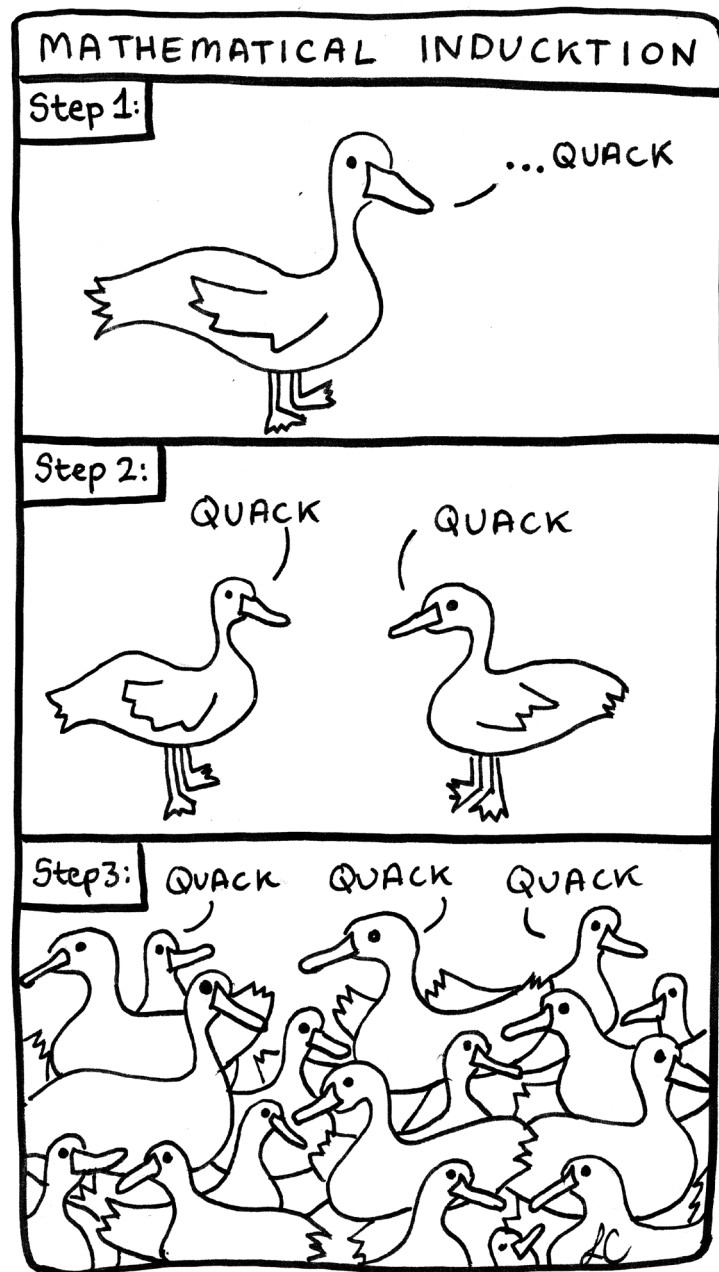
Prez Sez
About The General Meeting

The General Meeting for MathSoc will be held on March 24th, 2015 at 6PM in the Comfy Lounge. A general meeting is the highest decision-making body (aside from a referendum) in the Society, and every MathSoc member gets a vote. Anything that is deemed to be controversial or important to the Society is done through a general meeting to ensure that every MathSoc member with an opinion has a voice. Food (pizza) will also be provided to all attendees.

Currently on the agenda are:
- a presentation on the Comfy Lounge renovations,
- a review of the MathSoc fee reduction, and
- a by-law change to allow Council to increase fees by Consumer Price Index each fall

Agenda items are going to be accepted until Monday, March 16th at midnight to `prez@mathsoc.uwaterloo.ca`.

See you there!

Tristan Potter
President, Mathematics Society

A Day of Action

For those who may be interested, Leadnow and others are organizing a March 14th protest to stop Bill C-51. There are many good arguments against this legislation and if you wish to call for changes, or outright rejection of the legislation, or simply want to stand against the fear-based advertisements, more information and local events can be found at the website `http://we.leadnow.ca/stopc51`. While no local event is currently planned, events in Guelph and Stratford are, as well as many other local cities. A less official call out has been made in Kitchener to rally at Kitchener City Hall at noon on the 14th.

dbro

VPE Sez

IT'S PI DAY!! Make sure you join us on the MC 3rd floor for the celebrations between 1 and 4 today! There will be novelties for sale, a pi recitation competition, and of course, free pie! :)

The MathSoc General Meeting is convening on Tuesday, March 24th. There will be free pizza and an opportunity for you to get involved in decision-making for the student body. Agenda items are due on March 16th if you'd like to raise a motion or item; you should send those to the Prez.

We're holding a Party with Profs on Thursday, April 2nd at the Grad House! Invitations for your profs are available in the MathSoc Office. It's going to be a lot of fun, so we hope to see you there!

Elana "e#" Hashman
VPEXTREEEEEEEEME

The Most EPIC Pi Day of Our Lifetime
This mathie is finding it hard to contain the excitement!

3.14.15   *9:26:53*

GET HYPE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

```
   This Saturday, March 14th is a very special
occasion for mathies all over the world. This
Saturday is Pi Day, but not just ANY Pi Day. It
is THE Pi Day. THE Pi Day, where the conventional
writ    ten date wi        ll match up
        with the mo        st signific
        ant digits         of Pi (alth
        ough not re        ally the MO
        ST epic sin        ce March 14,
        1592…at 6:5        3:58). This
        Pi Day will        be signific
        ant because        a date like
        this only c        omes around
        once in a l        ifetime (un
        less someon        e – i.e. a
        curent stud        ent – livin
        g now lives        to like…125,
        in which ca        se, good fo
        r them! the        y get like…
        2 epic Pi D        ays!). My a
        dvice to YOU        is to take ad
        vantage of Ma       thSoc and the
      Math Faculty's        two day celeb
      ration and in         dulge in ALL
      the free pie          this weekend!
```

HAPPY PI DAY EVERYONE!
3.14159526358979323846264338327950²…………

An Enthusiastic Mathie

CSC Sez

Hey there, Mathies! Do you want some events in the next couple weeks? You do!?
- A GM on March 27th to discuss the "Code of Conduct" amendment to the CSC constitution, immediately followed by…
- CODE PARTY 1 WHOOO

Check our Facebook, Twitter, website, mailing list, and posters for details!

Gianni Gambetti
President, Computer Science Club

It's Pi Day, Pi Day, Everyone get down on Pi Day Everyone's looking forward to the weekend, weekend

CCA Workshops FORMAT

Interviews: Preparing for Questions* (Friday, March 13th, 10:30 AM–12:00 PM, TC 1208)

Learn how to improve your performance in job interviews by viewing and discussing recorded excerpts of actual interviews.

Interviews: Proving Your Skills* (Friday, March 13th, 1:00 PM–3:00 PM, TC 1208)

In order to receive that job offer, you must prove your skills in the interview. Here is your opportunity to practice and improve.

It's All About Your Skills (Monday, March 16th, 10:30 AM – 12:30 PM, TC 1113)

Knowing your skills and abilities AND being able to clearly and confidently convey them to employers is critical to your success in the employment process. Learn how to identify and articulate your strengths, plus discover potential areas of growth. You will also devise a plan to enhance these skills.

Are You LinkedIn? Learning the Basics (Tuesday, March 17th, 10:30 AM–12:00 PM, TC 1208)

Learn how LinkedIn, the professional social networking site, can help you to create an effective online presence, build professional networks, and search for jobs. *NOTE: This workshop is intended for students who have limited experience with LinkedIn.*

Working in Canada (Tuesday, March 17th, 2:30 PM–4:00 PM, TC 1208)

Learn strategies for working successfully in Canadian culture. Topics covered will include cultural intelligence, communication styles, and workplace professionalism.

For graduate students and post docs: Successfully Negotiating Job offers (Wednesday, March 18th, 2:30 PM–4:00 PM, TC 1208)

Increase the odds of getting what you want when negotiating salary and other details related to a job offer.

Business Etiquette and Professionalism (Friday, March 20th, 10:30 AM–12:00 PM, TC1208)

Proper etiquette is crucial to a successful job search and your career. This workshop covers appropriate behaviour at interviews, employer receptions and other networking activities, as well as dining etiquette.

Management Consulting as a Career Option (Tuesday, March 24th, 2:30 PM–4:00 PM, TC 2218)

Jac van Beek, CEO of the Canadian Association of Management Consultants, will provide an overview of management consulting as an industry, the specifics of the role, what firms look for in their applicants, and the personality traits necessary for success. Hear his insights on the benefits and challenges of this stimulating line of work.

Success on the Job (Thursday, March 26th, 10:30 AM–12:00 PM, TC 1208)

Are you ready to unleash your full potential to be successful at work? Learn how to seize every opportunity to make the most of your work, volunteer, and internship experiences. Discuss responsibility, motivation, ethical dilemmas, first impressions, reputation, and tactics for staying organized.

Practice Your Presentation Skills (Friday, March 27th, 9:00 AM–5:00 PM, TC 2218)

Mitacs Step teaches you essential skills required to succeed in your future career. *NOTE: Please register at* `step.mitacs.ca` *for this workshop by clicking on 'The Workshops'.*

Christopher Smith

* These workshops require prerequisites to attend, which can be found on the CECA website: `https://uwaterloo.ca/career-action/workshop-prerequisite-chart`.

See no ~~evil~~, do no ~~evil~~.
work   work

DO YOUR HOMEWOR

MATH

Games Sez

A huge thank-you for all of you who came out for our Games Night With Profs!

Our next big event is our termly 24-Hours Games Night! Have a long game you've always wanted to play but never had the time for? Join us for a full twenty-four hours of board (and card) games in the Math C&D starting at noon on Saturday, April 4th! This weekend happens to be the Easter weekend, so remember to make any necessary preparations to be free those days!

Your Games Director,
a crafty player
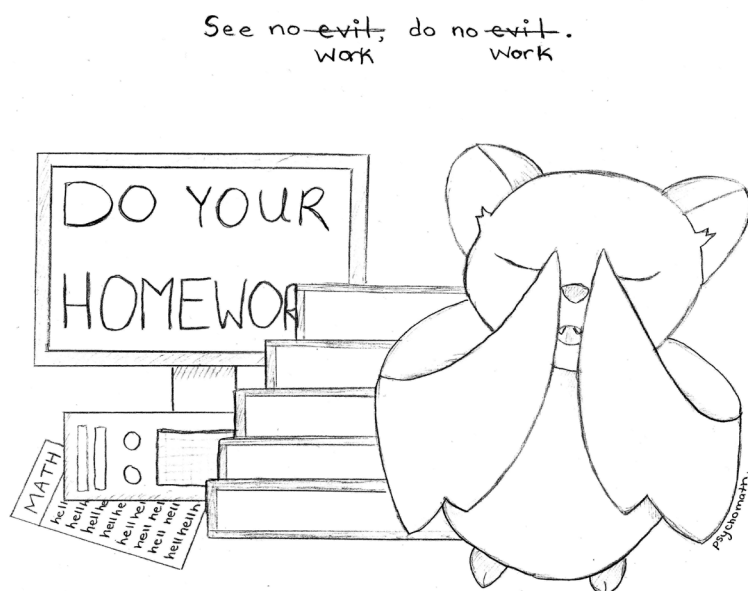
It's Pi Day, Pi Day
Gettin' down on Pi Day

How to Deal with Bad Classes

Sometimes you have to go through trials to truly understand the things people tell you about bad classes. For me, that means several terms worth of classes—some good, some bad—and trial and error. Hopefully, this advice will save you from some of the trouble I went through.

Give it a second chance: Sometimes giving it another try will help. However, if it is not working after three or four chances it is probably time to do something about it. Don't wait.

Ask for help: If you're having trouble with the coursework itself, there are many resources for you, like the professor's office hours. Even if it is not directly related to coursework, there are other ways to get help, like Student Success Office or other students. There are always other people who can help. Never be afraid to ask.

Switch Sections: If you have a problem with the lecturer or whoever runs the tutorial, try switching sections. Now, this assumes there are other available sections, and if there are, try them. You may get along with the one who runs the other section. Also, it can be done officially or unofficially; unofficial switches are faster and easier; however, if there is some form of mandatory attendance, try to make the switch official.

Switch Courses: This applies to electives and courses that have multiple versions, where a new equivalent course can be put in its place. However, if you are having trouble, maybe taking one less course will give you the time to focus on the other things you would like to do.

Grit your teeth: OK, it is not a good solution, and if you find yourself resorting this too often, you might have some larger questions to address. However, if there is that one mandatory course that is giving you trouble, just remember: although a bad course is not a good thing, at the end of the day, it is not always a tragedy, either. Keep your eye on the end of the course and enjoy the other things going on at the same time.

"Perfection is achieved not when there is nothing left to add, but when nothing left to take away." —Antoine de Saint-Exupéry

"Perfection is achieved not when there is nothing left to add, but I'm done adding stuff and it's time to submit the assignment." —Stubbs
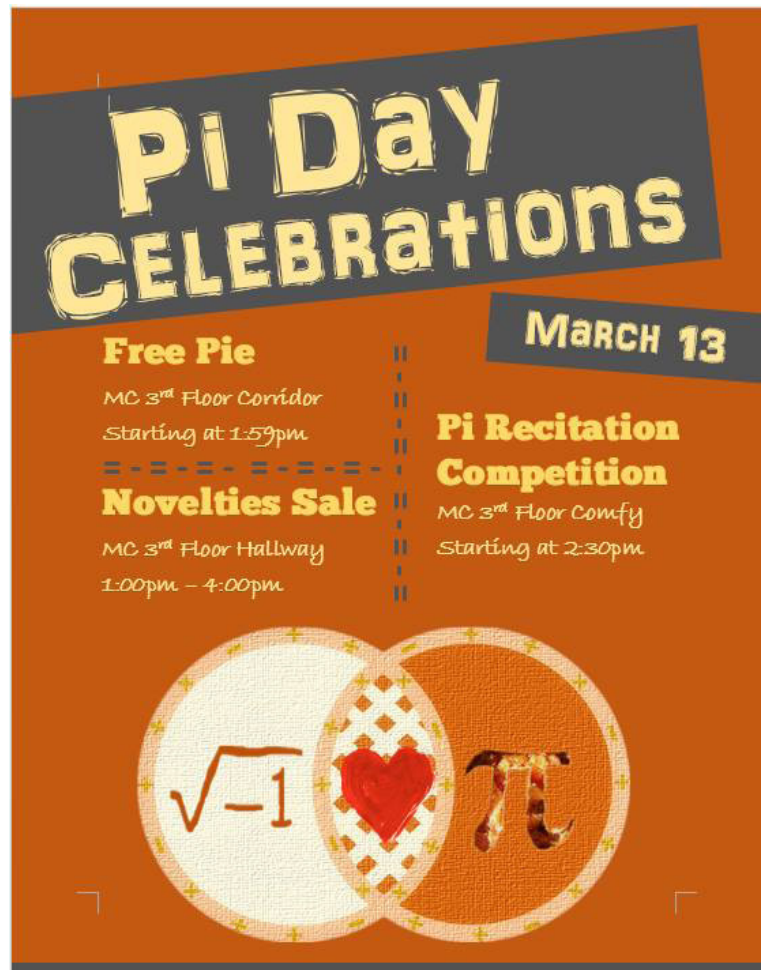
Glec

Party Like it's 1592

As you (hopefully) all know, tomorrow is the Pi Day of the century (3/14/15), and as usual, the Waterloo community has a lot to celebrate. Along with enjoying today's novelty sale and free pie, here are some things you can do tomorrow, on the real Pi Day:

- Memorize more digits of pi
- Recite pi
- Eat pie
- Drink pineapple juice
- Have a pi VS tau debate
- Sing Happy Birthday to Einstein
- Count down to 3/14/15 9:26:53.89
- Finish writing approximately 3.1415 programs in Python
- Yell at someone who claims that pi is infinite
- Look back at the Valentine's Card your S.O. made you that you thought called you "narrow, scalding, irrational"
- Wear a nerdy MathSoc novelty item containing the infamous pi
- Square the circle
- Write an approximation of pi that's uglier than Ramanujan's
- Eat a cake (a circular one, of course)

And remember, just in case you can't manage to do all of these items, next year's Pi Day is a little more accurate, because rounding.

darshwanda

Pi Day Celebrations

March 13

Free Pie
MC 3rd Floor Corridor
Starting at 1:59pm

Novelties Sale
MC 3rd Floor Hallway
1:00pm – 4:00pm

Pi Recitation Competition
MC 3rd Floor Comfy
Starting at 2:30pm

$\sqrt{-1}$ ♥ π

Apple in the front seat, pumpkin in back seat
Gotta make my mind up: which pie can I take?

No, I'm not f***ing graduating.

Please. Stop. Asking.

It's 2015, and that means a lot of people who started their university experience with me are finishing their last term right about now and are set to graduate very soon. Since I've been around long enough in a number of people's eyes, I've been frequently asked whether or not I'm graduating too. Well I have news for you: I'm not and I won't be for quite some time.

I honestly don't blame everyone for thinking that I am graduating in the near future. It's come to be the expectation for those in upper years that they will graduate soon (especially those who have been around for nearly 5 years like I have). That said, I'm only considered a 3B student. The reasons as to why that is will be explained in due time, but ultimately I'm just so frustrated by the expectation placed on me that I obviously won't meet, and being constantly pressured to explain myself as a result.

Being in a co-op program, you're definitely expected to be in university for longer to account for the time it takes to complete the work requirements. That said, there are other factors that can contribute to extending someone's academic journey: some people take strictly fewer than five classes a term; switching programs takes time to do (especially for those in transfer programs); some people take terms off for a variety of reasons; and (of course) failing classes or taking WD's can be a factor as well. In my case, I have never taken more than four classes a term, I have failed a few courses, WD'ed some others, and am in no rush to graduate (to be quite honest).

What irks me the most is that I basically have to relive my failures over and over, every single time someone asks me why I haven't graduated yet. I'm taking my time because I know I could fail anything at any time and I could relive everything I previously experienced when I nearly failed out of university completely. Failing was awful and I want to do everything in my power to *not* do so again, but that's not simply a case of figuring out better study habits. Like it or not, my own student lifestyle (as well as the truly personal aspects of it) impacts my academics and I'm *still* trying find a balance that works for me. As I move through the upper year courses, there's more and more I have to balance. I was recently asked, "Does it get any easier [in upper year courses]?" My answer was that it can really depend on the courses you're taking and whether or not you truly believe and feel you're in the right program. I was definitely in the wrong program in first term, but I find that now it's really more about making it easier to adapt to the changes in academia that you continue to experience as you progress in upper years. Some people have an easy time with it, but others will struggle. I have struggled, and I am not graduating because of it.

The other reason I hate being asked this question is that I do *not* want to be reminded that I am having to say goodbye to so many of my friends that have been with me on my journey so far and that people who started their journeys *after* me will definitely be finished theirs before mine. It makes me feel so inadequate in comparison to them that whenever I hear the question of, "Aren't you graduating soon?", all I hear is, "Why haven't you done as well as everyone else who started with you? Shouldn't you have succeeded by now?" I'm trying to succeed, I'm struggling to get through this degree, but your pressure and (obviously unintentional) demoralization of *my* performance is not helping anyone. I want to finish this at my own pace and I'm sick and tired of being judged for it. I will succeed, in spite of how your question makes me feel.

I will graduate, and when I do, it will be the proudest moment of my academic career simply because it means that I've survived.

A Mediocre Kitty

Daylight Savings Time Blues

Like many of you, I awoke early afternoon Sunday to find that it was actually late afternoon due to the clocks ticking forward too quickly. Hopefully, by the time you read this, I will have adjusted fully to this radical shift and will once again make it to 8:30 class on a regular basis. But is Daylight Savings Time really necessary? Have you ever been paid for the hour the government has stolen from you? Is it worth all the effort to speed the earth's rotation up to have us skip an hour each spring? And each autumn, how many die slowing the earth down so that we may gain an hour? This is why I am in favour of overthrowing the lizard people who run our government and organize this farce. They need the sun to warm up and rule. All we need do is not put our clocks forward like we're told and it will lead to their immediate downfall!

Stubbs

Why Not Anonymous

Do you have trouble saying no to things? Do you find yourself with an ever-growing pile of commitment? Do you feel you could benefit from an anonymous support group for people that, when asked whether they want to be involved in something, they answer, "Sure, why not? Sounds fun." Well, you are in luck, as I am starting Why Not Anonymous.

The first meeting will be happening this Saturday at 7PM at KWLT. This event happens to coincide with March Madness, a theatre competition where each team is given the same scripts and has a week to try and put on the best production. Let's be honest, anyone who thinks that putting on a play in one week is a good idea probably needs to learn to say "no" to ridiculous commitments.

Beyond Meta

N Indications That UWaterloo Hates the Fine Arts

Waldo is finding more and more things to be irked about with regards to how art is treated on campus.

- Even though we have sculptures on campus, Waterloo just seems to like buildings more and continues to replace statues with fancier buildings
- Even though people say those statues replaced by buildings are going to move to a new location (I'm looking at YOU, you cool yet strange Hagey Hall spikes), WHERE THE HELL ARE THEY GOING TO MOVE TO?! Odds are that those statues are going to just be put in storage like the "CS Statue" that used to sit outside MC before QNC took over back in 2008
- The dedicated building for the Fine Arts department (East Campus Hall/Not the former Blackberry buildings) is going to be torn down at some point, but there is no clear indication what is truly going to replace it and the resulting disorderly displacement of the department is just NOT helping or going to help
- Did YOU know that there's a building dedicated to Fine Arts? Probably not considering it sits right behind E5 and you probably are just headed to the Plaza if you're anywhere near there
- Did YOU know that there's an entire program and set of dedicated people on campus for Fine Arts? Yeah! You think they would have gone to Sheridan College or somewhere that really takes care of itself itself and its students. Apparently there's just something about the Fine Arts program on campus that draws people in (who knows…I may join them one day), but because it doesn't get as much attention as Engineering or Math (or even Science for that matter), it's just NOT appreciated in the campus culture as such
- Students just DON'T appreciate art on campus (unless you're in Fine Arts proper). Sure, we all like looking at "pretty" things, but often times we just don't really seem to see the beauty of art for art's sake (have you looked at all the student artwork in the SLC? do you understand what they're about? probably not, and that's sad)
- As much as the Earth Science Museum is awesome, how cool would it be to have an art gallery as large, and as applauded as that one? As much as the art gallery in the current Fine Arts building is awesome, it just doesn't receive the same level of attention and awareness on campus that it deserves. Waterloo Fine Arts students are so talented! Why aren't we celebrating them?

waldo@<3.LE-GASP.ca

Thesis Update

Remember how in my first article this term, I advised thesis writers to "start early" and "don't procrastinate"? Yeah.

It's done, don't worry.

Scythe Marshall

Math Quiz: How Soon Will You Get Type 2 Diabetes?

1. What's your favourite type of MathSoc candy?
a) Tootsie Rolls
b) Jolly Ranchers
c) Gummy Bears

2. How often do you visit the MathSoc Office?
a) Once every few days
b) On the hour
c) I never leave

3. You just failed your calc midterm. How do you cope?
a) Walk it out
b) Flip a table
c) Drown yourself in chocolate chip cookies

4. How many hours do you sleep each week?
a) 36+
b) 8
c) 0

5. How often do you go to the following: games night, *math*NEWS production night, co-op info night?
a) Never
b) Sometimes
c) Always

Results:

Mostly a's: Are you even a math student? You will likely never get diabetes. Perhaps you should enjoy life a little more. Eat some candy, enjoy some pizza, and get yourself some diabeetus like the rest of us.

Mostly b's: You'll get diabetes by age of 50, which is pretty decent for a math student. Keep up the good work, and don't be afraid to eat a little more from your beloved society.

Mostly c's: You likely already have diabetes. You should probably stop being fed from MathSoc and get your health together.

darshwanda & btDUBS

Article of the Issue

This week's article of the issue is Ice Nine's *Republican Majority in the US Senate Send More Letters* on page 9. What a mouthful! It's even written like a real article from a newspaper or newsletter. Except it's satire or something? Since when did we do this "satire" stuff? Hold on, another editor is telling me we're supposed to be a satirical paper. Huh. What do you know. Well, in keeping up with our tradition (?) of satire, Ice Nine, you can pick up your prize at the *math*NEWS office!

The Editors

Suspicious Food at UW Food Services

Some tales of UW Food Services food

Everything seemed at peace at the V1 Residence. A full plate of meatballs and an ice-cold glass of milk lay before our hero, waiting to be consumed. It was to be another blissful meal—or so they thought. Upon sampling some savoury meatballs, a mysterious object was unearthed: a small, white, and rectangular artifact lay amongst the ruins of a meatball. Upon further inspection, the mysterious object was discovered to be a fragment of bone. Had our hero been less meticulous in their mastication, the bone could have proven to be a hazard, one capable of being mistakenly chewed and causing permanent damage to teeth. They removed the grain-sized bone from the meatball, deeply displeased, and approached the food staff sitting at another table. Our hero was escorted to an area adjacent to the kitchen, whereupon the process of grinding meat for meatballs was explained.

"Sometimes, bones get stuck in the grinder," the chef informed them.

They inquired further about how bone could possibly appear within a meatball itself, and the chef responded thusly: "There are supposed to be bones in meatballs."

Surely, the chef should be commended for granting our hero with this bit of knowledge; it is not every day that one learns new things. The kitchen staff then offered to replace the meatball, but it would do no good: it was no longer undeniable that all meatballs had the potential of harbouring bones within them. And so, our hero made their way back to their seat. Hence, each meatball was chewed slowly and with utmost care. No more bones were found that day, but little did they know that there were more to come.

Skeptical of Mudie's food, meals were effected instead at Chopsticks in DC, still run by UWaterloo Food Services. The deliciously mediocre meals provided much more substance than Mudie's, and after several of these meals, coupled with horribly-made rice, again there appeared a mysterious artifact. This time, it was found in a Combo 2 meal with fried rice, chicken broccoli, and chicken balls. The fried rice and chicken broccoli were quickly devoured with little fanfare, and all that remained were the crispy-on-the-outside soft-on-the-inside chicken balls. Nothing could go wrong, our hero thought—but it did. A bite into a second chicken ball was met with a sharp-sounding crunch unlike the ones typically made by the crispy exterior. Alas, it was a small white bone, again about the size of a grain of rice. Although frustrated with Food Services, our hero filed no complaint.
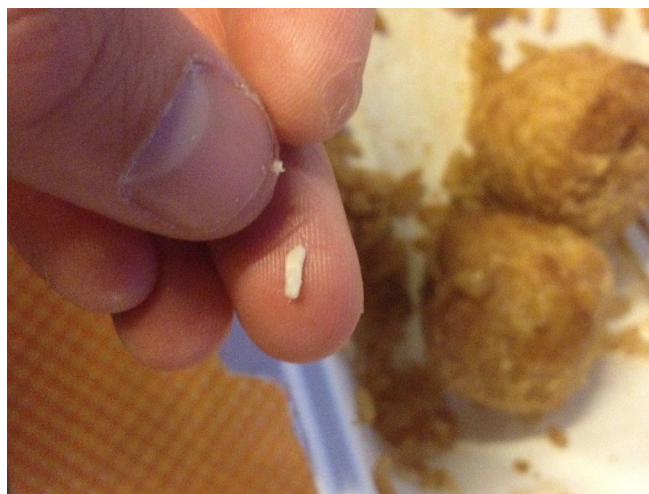
Our hero turned to Mudie's once again for meals, attempting to avoid the more questionable meat dishes. The make-your-own pasta seemed like a safe alternative; vegetables could be chosen by the customer, and the food was cooked in front of you. However, once again, although our hero was contentedly supplied with a nice pasta dish of boneless chicken pieces, after consuming half of it, a brown semi-circle was uncovered. It was not a bone—instead, it appeared to be a semi-circular piece of cardboard, like the ones you poke out of snack boxes. Our hero again waived their complaint, but it was still pretty gross.

In the end, no UWaterloo Food Services dish is safe. Nothing in life is free from bones and cardboard.

jat109

Republican Majority in the US Senate Send More Letters

After a letter was sent by 47 Republican Senators to Iran reminding them of the structure of the US government and the requirement of agreements and deals such as the proposed nuclear deal to be passed in Congress, the same Senators have penned two more letters to the heads of state of other countries.

The first one was to Japan, stating that they had no right to claim the number 47 explicitly for Ronin, and that they would be subsequently known as The 47. The Prime Minister of Japan, Mr. Abe, after reading the letter, simply stared at the camera wondering what he ever did to deserve this.

The other was even more deadly serious. It was addressed to H0H 0H0, a postal code of an autonomous region of Canada, sent to the local head of state. The full text of the letter is as follows, presented without comment:

Dear Mrs. Claus,

As you are no doubt aware, NORAD is still watching you. We know what you're up to. Your weapons of mass defrosting that have convinced the rest of the world that climate change is man-made will be found. The P5+1 will put so much pressure on Canada to reveal your location, the so called "North Pole" that they will piss maple syrup all over their goddamn flannel pants. You hear that, Claus?! Stop your damned husband or you'll feel our wrath!

Respectfully,
The 47 (Super sweet name right? =D)

IceNine

St. Patty's Day

Next Tuesday, we celebrate St. Patty's Day. This is a longstanding sacred celebration of Jamaican patties and their starchy, meaty goodness.

Some of you may have thought otherwise—you may have thought St. Patty's day had something to do with Ireland and/or beer. Or green things. This misunderstanding is all too common, unfortunately, though its historical origins make a certain twisted sense.

First of all, Ireland and Jamaica are both islands. Second, the foodstuff in question is bready/carbohydrate-laden in each case. Third, they both saved that island from snakes. It's a little-known fact that patties fulfilled this remarkable feat. Forensic herpetologists remain divided on this issue: are snakes killed and put in the patties, or are they scared away from an inability to tolerate the spicy goodness?

tesseract

Sharks and You

Ah, sharks. With their sharp teeth and keen noses and horrible eyesight. Sharks. And with beach season coming up, there is something that you should remember: Deer are more likely to kill you than sharks. More people die annually from hitting a deer than from a shark attack. So the next time you stare out into the ocean, a fin in the distance and wonder, "What if?" just think of the deer. And dive right in.

kLsandhu

History of Pi Day

While we all know that Pi day is celebrated on March 14th, most don't know the full history of the day.

March 14th is the commemoration of the life of St. Pi, a third-century Roman saint, who has been associated with crusted baked goods since at least the late Middle Ages.

The early parts of his life are well documented. Born Custard Pi, named after his grandfather, St. Pi took to baking with a passion. It was only after becoming involved with the church that he started his quest to develop the most perfect baked item.

While squares and similarly-shaped baked goods were widely available at the time, he began to experiment with curved desserts such as Éclairs and Biscotti. He is even rumored to have developed and dismissed the pretzel for its excessively complex shape, leaving it to be lost to history only to be rediscovered some time later.

Inspiration struck around his 30th year however, when he happened upon the idea of a perfect circle. The pie was born. While St. Pi thanked divine intervention for his creation, others felt that we would have eventually converged on such a crusted shape. Either way, St. Pi's innovation hasn't been without trouble.

While his creation was delicious, its dimensions defied rational analysis. Many ratios were tried, but eventually it was found to be impossible to find a perfect balance of tender and flaky. Many bakers search to this day. Still, we approximate the choice with the number 3.14, hence the date of the celebration of St. Pi's life.

Little is known of the later parts of St. Pi's life, but it is believed he was injured and later died from his injuries in a late Mongol pie-throwing raid. The irony of being killed by his signature dish would have been little comfort to the man as he was laid to rest near the Adriatic Sea.

He was survived by one son, a Sheppard, who, while following in the form of his father, never kept his spirit. They were estranged at the time of St. Pi's death.

dbro

Advanced Truth Distortion

If you read the previous issue of our beloved publication, you may have come across an article entitled "Leveraging Vacuous Truths for Fun and Profit!" This article demonstrated a number of techniques for twisting the truth into statements that further your agenda. However, there are times when the truth just won't bend into quite the right shape. Today, we'll discuss a more advanced technique: "lying".

It may be unintuitive at first glance, but it's entirely possible to make statements that are not, in fact, true. I'll attempt to demonstrate, as I write this article while relaxing in a Jacuzzi on the deck of my fabulous moon-mansion. The previous sentence is not, unfortunately, entirely true. I do not own a mansion, let alone one located on the moon, or any containing one or more Jacuzzis. And yet, I just stated that I do.

Imagine the possibilities that can be accomplished with this technique. Need to spice up your résumé? Claim fictitious work experience at the leading companies in your desired field. Or claim to be the inventor of a relevant technology. It's that simple. Worried about the consequences of a recent deed? State that you did not actually perpetrate said deed. Incredible, no?

So much is possible when you unshackle yourself from the need to make statements that are concordant with fact. No claim is too spurious! Perhaps the world is about to end, unless certain individuals were to give you their possessions. Maybe your saliva cures cancer? It's entirely possible that the dress circulating the web is white and gold. It could be that you are, surprisingly enough, authorized to be in this facility. Literally anything is possible.

Sincerely,
s,t∈{2k,k∈Z}, 144

Testing Programs Implies…

We start with the fact that for a program that takes a range of real parameters, we can never test it fully. But we can test special cases and general cases that make us think that the code is correct. When we test these cases, it only tells us that those cases are correct. We can cross-check by making a program that has the same function, takes the same parameters, and outputs the same values. But that only assures us that the 2 functions are the same for some range. Not only do these tests not really test if the code is correct, they induce us to think that the program is correct and working.

Thus, case testing is evil.

But more than just the fields of computer science and programming use case testing. Science, Engineering, any field involving Quality Assurance. In fact, any time you try to participate in any activity, you are doing one case, and you are basing conclusions off of that experience. Therefore doing anything is evil and as a corollary we should all do nothing. QED

quiz

Alice and Bob in lackofcryptoland 2

The sequel to that one article in issue 1 that was incredibly confusing and probably nobody remembers or even read

Bob checked his watch. The weather outside looked under the weather. Howling winds, clumpy snow. Much of the vision from the window was obstructed by a dim white; the roads below and buildings across were totally obscured. It was simply too risky to go outside in this weather and political climate. Yep, definitely not because of the new anime airing, or about that special event in World of Tanks. He also needed to contact his clan for that raid tomorrow. However, he never felt right sending messages off the computer, or talking over wire. It was just too unsafe, too noticeable. Especially since his favourite topics of idle conversation were tax frauds and overthrowing the government.

The computer shut off. It sparked and screeched to a halt. To Bob's right was the gunman, holding a Makarov pistol. A true Russian pistol, not like some shitty thousand dollar Belgian Five-seveN. As Bob realized that there was no time to destroy the secret documents he was in charge of, the gun shifted left, from PC to him, smoothly operated, with no shaking or nervousness.

"You blocked me. You piece of shit IS-7 driver."

It took Bob a moment to process that this man was talking about World of Tanks. He didn't have a chance to refute the criticism of his superb tank driving.

quiz

An Interesting Phenomenon

According to many videos on YouTube, if you slice a large grape diametrically almost all the way through (but keep part of the skin attaching the halves together), then put it in the microwave under a glass and turn on the power, you will make plasma in short, bright bursts (*Warning: this might damage your microwave oven*). It turns out that there is a fairly simple explanation for why this happens.

Microwave ovens use radio frequency (RF) energy to heat food, usually at a frequency of 2.4 GHz. A large grape that has been prepared in the manner described above has the right dimensions to act as a quarter-wavelength antenna on the 2.4 GHz band. The microwave energy is focused at the center of the antenna, where for a very brief time it superheats the air above that point and causes it to form a plasma.

Coincidentally, many Wi-Fi access points also use the 2.4 GHz band. Join me next issue as I describe how to get better service on Eduroam by jamming seedless grapes into your laptop.

lp0onfire

How to Forget Your Crush

NOTE: The word "crush" here refers to a human crush. If you have a crush on one of your courses, try to make it a relationship.

The moment when you realize that you and your crush are just NOT meant to be together for various reasons, it's time to clear them out of your mind. Not convinced by this non-trivial argument? Think about the time you spent on stalking them, which is not going to change the "just friends" status. On the other hand, you could spend the same amount of time on something more productive, such as doing your never-ending assignments. Speaking of assignment, have you started the assignment that is due tonight? Anyways, if the logical part of you doesn't want you to waste time on an imaginary relationship generated by the creative part of you, please continue reading this.

1. Check your grades on Learn or whatever reflects your current performance in this academic term, like JobMine.

2. Make new friends or connect with old friends. That fresh feeling of friendship will convince you that your life is complete like the reals without your crush.

3. The most important advice: STOP STALKING THAT PERSON. Seriously. Avoid the places that they usually show up. If you both have to show up at the same time at the same place periodically (I mean having the same class), avoid looking in that person's direction. For stalking on social media, try to leave your personal electronics at home and use computers at MC to finish your codes. This may hinder you from logging onto your favourite procrastinating website and check out your crush.

If none of the above works for you, I suggest you to visit the school's counselling service located at Needle's Hall. Based on my personal experience, the counsellors are real professionals (unlike the counsellors you encountered in high school), plus the service is FREE! If you enjoy free pies on Pi Day and Pi Approx. Day, free pizza, free cookies, free drinks, "free" bus rides with your WatCard, free and luxurious bathrooms at QNC, why wouldn't you enjoy the free counselling service? Your mental wellness is important.

mathématichatte

Dr. Edmund Phelps Presidential Lecture Review

- I booked a ticket well in advance, showed up 10 minutes in advance, and was put in overflow room
- Feridun spent five minutes reading from paper lauding Dr. Phelps
- Dr. Phelps went on stage and all audio cut out. There were no attempts to fix in fifteen minutes
- Complaints were met with, "Sorry"
- At this point, I already missed 1/3 of lecture even though the lecture is less than 50 meters away, so I left

Overall score: $1\,^{1/2}/_{10}$. Dr. Phelps was in a nice suit.

Zethar

This Dress

What colour is this dress? Grey and black or black and grey? Send your opinions to mathnews@gmail.com or drop it in the **BLACK BOX**. Our team of crack monkeys will collect the data and… um… hey! look! another silly internet thing to occupy our time. Phew, that was close.
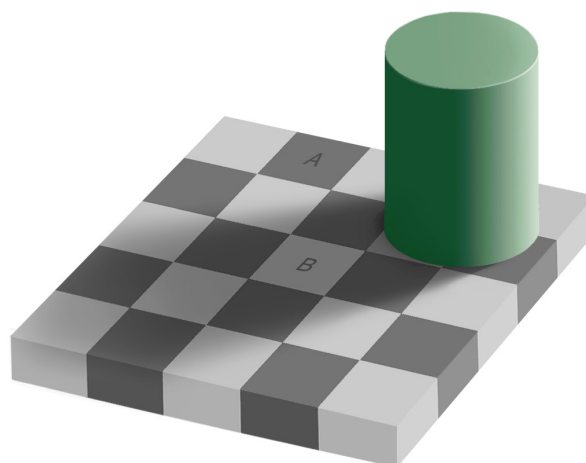
GingerbrED

The Damn Dress

It is BLACK and BLUE. It has always been BLACK and BLUE. it will always be BLACK and BLUE.

Stubbs

The Checker Shadow Illusion: A and B are the same shade of grey

(credit: Edward Adelson, image from Wikipedia.org*)*

profQUOTES

[*After handing back midterms.*] "I say, the average of this course will be 75%. You say, no it will not, based on your midterm."

Akhundov, STAT 241

"Our next variant of Turing machine is a x86 computer with Minecraft pre-installed."

Blais, CS 365

"We have proven the Church-Turing hypothesis by emphasis and by hand-waving. To complete our trio of invalid proofs, we now do proof by examples."

Blais, CS 365

"I don't like chemicals coming into my body."

Illman, EARTH 122

"God knows what will happen to these molecules in your body."

Illman, EARTH 122

"You are all fourth-year students. Get marks out of your head; I'll do all the curves and jazz to make your bad marks better."

Ilyas, CS 448

"Let's use actual numbers here. Let's say this is *N*, and this is *M*."

Ilyas, CS 448

"I just told you that math is not important."

Jao, MATH 239

"If I ask you to visualize a 7-cube, you're all okay with that? This will be on the exam."

Jao, MATH 239

"I got the right answer for one case, so it must be the right answer."

Jao, MATH 239

"I'm going to wake the fair maiden, but not with a kiss, because that would be sexual harassment."

Kierstead, CS 343

"$f(u)$… [*Chuckles.*] This [example] is really bad; I keep saying 'f-u' in class."

Law, CS 349

"'[Context-free languages] are languages that can be described by a context-free grammar.' Well, that was enlightening."

Lushman, CS 241

"What rational individual would design a language that's difficult to scan? Ladies and gentlemen, let me introduce you to C++!"

Lushman, CS 241

"*A* is a convex set, so a line [segment] joining points in *A* stays in *A*. Sorta like Las Vegas."

Rubinstein, PMATH 352

"I'm having a brain freeze for the word 'consider'. Does anyone know a synonym of it?"

Rubinstein, PMATH 352

"I just like saying 'sphincter'."

Rye, SMF 204

"And then I think I threatened him with a spoon."

Rye, SMF 204

"'Nice girls don't swear.' Fuck that!"

Rye, SMF 204

[*Speaking about a data set:*] "Remember, this is the death class."

Schonlau, STAT 431

"…which I will prove under the time-honoured method of hand-waving."

Shallit, CS 462

"Don't worry, at the end of the course, I'll apply a monotonically increasing piecewise linear function to your grade with the property that $f(x)$ is at least x."

Wagner, MATH 249

Student: "Why do we call them trees if we put the root at the top?"
Prof: "Because we think we live in the southern hemisphere. I don't know."

Wagner, MATH 249

"To prove this lemma, I need a pre-lemma. To prove this pre-lemma, I need a pre-pre-lemma."

Wagner, MATH 249

"Can anyone guess the proof? It's homework assignment 5! That's the easiest proof technique I know."

Wagner, MATH 249

[*While talking about the parts of trees:*] "These are 'siblings', as you would call your sister or brother, as well as other expletives."

Vasiga, CS 135

[*When talking about leaves in trees:*] "The reasons why the Leafs don't win is because 'Leafs' is not a real word. 'Senators' is a real word. 'The Mighty Ducks' is a set of real words."

Vasiga, CS 135

[*Handing back midterms by looking at a sheet with student pictures.*] "I have to draw mustaches on your pictures to make this accurate."

Vavasis, CO 255

"I drew your mustaches with a pen, so you can't shave until the term ends."

Vavasis, CO 255

What Else Did Putin Plan?

In an announcement that surprised absolutely no one, Putin revealed that the annex of Crimea was planned ahead of time. In the face of international condemnation his only response was "Crimea river".

While this wasn't particularly surprising, it brings to question what else might have been planned by Putin. Looking back at the past year, some very interesting and sometimes questionable events occurred. For these events we can only ask one simple but important question: Did Putin plan them as well?

XXII Olympic Games
Though widely believed to be false and passed off as a hoax, it is this author's opinion that the XXII Olympic Games, held in Sochi, Russia, may have possibly been planned by Putin.

The 7-1 German vs. Brazil victory in the World Cup
What motivation may Putin have for causing the devastation of an entire nation? Why, to impress German chancellor Angela Merkel of course. Have you seen her? I don't blame him ;)

ISIS
ISIS destabilizes the Middle East, leaving the countries more vulnerable to external forces and influences. Putin has shown that he enjoys annexing in his past time.

Israel / Hamas
A couple of things came out of the Israel / Hamas conflict: civilian casualties, international condemnation of Israel for its actions, and strained relations between the western nations over supporting or condemning Israel. What more could a bond villain ask for?

The shitty ending to How I Met Your Mother
HIMYM ended, successfully pissing off everyone who waited 9 fucking years for this bullshit ending. It was a long con, but the long con paid off. Putin is probably laughing his ass off at our collective anger.

Flappy Bird being removed from the App Store
The revolutionary game that was Flappy Bird, being the bright star it was, burned bright and young. After less than a year, it was removed everywhere, causing a global deficit in bird based flapping games. The success of Flappy Bird was an unacceptable example of the success of capitalism and thus taken down through one of Putin's plot.

theSMURF

It's White and Gold

Just accept it.

Shay Blair

Meme Reviews:
My Desires Are Unconventional

Fifty Shades of Grey is a film based on the book (based on the famous *Twilight* series) that was released in February. Renown for hugely misrepresenting BDSM culture, and lauded for its misogyny and normalizing abuse, perhaps the film's greatest contribution to society is its abundance of memes. Among the most popular is My Desires Are Unconventional, which is a series of screenshots taken of dialogue between the two main characters.

"My desires are… unconventional," the male love interest informs us. "My interests are very singular."

"So show me," the lead female whispers eagerly.

He leads her to a room, filled with tokens of his singular, unconventional tastes. Within memes, these may include anime merchandise, baby paraphernalia, One Direction novelties, or a dog winking. Here is my own reproduction of the meme:
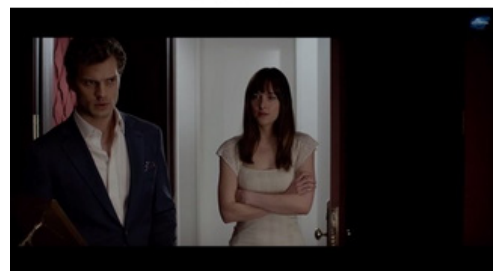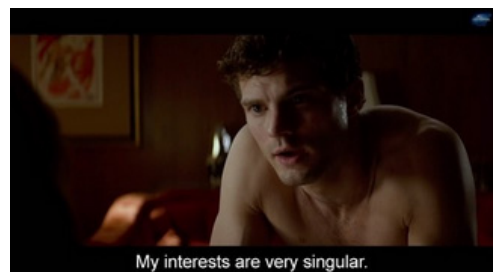
NOTE: If you haven't visited it enough (because your desires aren't sufficiently unconventional), the final panel on the right is a photograph of the CSC.

k!

When You're Friends With *math*NEWS Editors

Yeah. I'm friends with *math*NEWS Editors, or just people who are very dedicated to it. There are perks to that—when you're on campus and want to be involved, since it's guaranteed you know when production night is. Rain or shine, email or no. You will get the message. You will always know when they have too much money and just feel like treating writers so that you only attend those production nights.

But then you're not even on campus this term and they keep pestering you to submit articles. Every production night.. Sometimes not production nights. So here. I submitted my one article (happy now? I hope this is hard to do layout with). I now qualify for some overly extravagant EOT that I probably can't attend.

For people who are on campus and could probably attend said extravagant EOT, you should submit an article and don't say no one told you 'cause I just did. It will be glorious EOT. But sometimes Editors are bitter and slightly vindictive, so will feel the need to spend money on tickets to see *50 Shades of Grey* instead of something decent. But if you're into that definitely submit an article. Do it. Then I won't have to write anymore.

Dickbutt

N Things That Will Get You Kicked Out of a Bowling Alley

- Wearing outside shoes
- Bringing your dog
- Playing fetch with the bowling balls down the lane
- Bowling in someone else's lane
- Throwing phones instead of bowling balls
- Throwing humans instead of bowling balls
- Bowling lane slip and slide
- Joining a random birthday party
- Asking the concession guy if he's on the menu
- Humping the employees
- Humping the ball return
- Humping the lane oiler
- Throwing the ball in the wrong direction and breaking something
- Ball busting
- Going balls deep
- Using the Force
- Sticking anything but your fingers in the ball
- A 6/9 split
- Spending too much time in the gutter
- Trying to stuff yourself in a locker
- Using smoke bombs
- Strip bowling
- Saying "I brought my own balls" while stripping

Yours in scandal,
Shay Blair and S-Rod

N Next MST3K Episodes We Should Have a Showing of

Two weeks ago, on February 27th, a showing of the classic Mystery Science Theater 3000 episode Space Mutiny was held by WiCS and the UW Radio Club. All who attended had a lot of fun, with individuals shouting out their own personal insults and riffs to go along with the film. As it was such a fun night, here are my N suggestions for the next N showings we should do of MST3K episodes, where the movies seen end up being so bad they bring joy to all.

- **Time Chasers:** What better episode to watch after Space Mutiny than the episode that immediately followed Space Mutiny in broadcast order. This film, which involves a physics teacher with a very noticeable chin building a time machine, and a villain who destroys the future, then refuses to not destroy the future for… you know… reasons. The film eventually has a seizure and ends with the main characters shooting random people during the Revolutionary War.
- **Puma Man:** In this "superhero " film, a young man who is the descendent of ancient Aztec-alien-puma-things fights evil Donald Pleasence with his newfound Puma powers. Need I say more.
- **Master Ninja:** Lee Van Cleef (the Bad from The Good, the Bad, and the Ugly) plays a master Ninja, and it stars the guy who directed the first episode of Game of Thrones (along with quite a few other GoT episodes, and episodes for other HBO shows). Let me repeat: Lee Van Cleef plays a Master Ninja. There's also the Master Ninja rap (see below).
- **Master Ninja 2:** Do do doo, Do, Master Ninja. Do do doo, Do, Master Ninja.
- **Manos:** The Hands of Fate: Along with the word Manos meaning hands in Spanish, making the title Hands: The Hands of Fate, this movies' plot is basically the same as that of The Rocky Horror Picture Show, except all the singing and homoerotic relationships are instead replaced by catfights and scenes of driving… long… long… scenes of driving. Note: This will eventually also end up on the N episodes of MST3K we should never hold a showing of when that list is made.
- **Laserblast:** You know, film critic Leonard Maltin gave this film two and a half stars, better than Taxi Driver and A Bridge Too Far, and the same as Sophie's Choice and Monty Python and the Holy Grail.
- **This Island Earth:** The show ended up so popular back in the 90s that a MST3K movie was made. This is that movie.
- **Space Mutiny:** Because why only watch this terrible film once, when it deserves to be ripped into even more.
- **Attack of the The Eye Creatures**: Showing the perfect example of filmmakers not caring, Attack of the The Eye Creatures has night scenes filmed during the day, and zippers on the titular Eye Creatures.

Theodore Bear

*horror*SCOPES

ActSci: You decided to take a higher-than-average course load next term. You can do it, right?
Your unlucky number is: 200 hours of exam study time you forgot to factor in.

AFM: It's now the middle of March, so you're gathering up the stuff you will need for your tax returns. Thanks to co-op, you have to hunt them down through your old addresses.
Your unlucky number is: 10 addresses in the last four years.

AHS: St. Patrick's Day is next week, and you decide to have a kegger and invite all the other faculties.
Your unlucky number is: 20 hungover engineers crashing at your place.

AMath: You just placed for co-op in the job of your dreams in warm California. Unfortunately, while applying for the visa, you realize that you aren't a registered Canadian citizen.
Your unlucky number: 1 one-way ticket back to Ukraine.

ARTS: You stare at "the dress" for an hour and come to the conclusion that it's white and gold. Your teacher disagrees with you.
Your unlucky number is: 0% on your Colour Theory assignment.

BioInformatics: While studying infectious diseases, your classmates contracted Ebola and measles. The resulting mutation incapacitated the entire class.
Your unlucky number is: 5 weeks required for recovery.

C&O: Inspired by "the dress", you decide to enumerate the possible colour combinations of pixels.
Your unlucky number: Way less than 50 shades of grey (actually, around 25).

CS: You finally finished all your assignments and midterms and go out side into the world. You are surprised that there is snow on the ground because the last time you saw daylight the leaves were falling.
Your unlucky number: 3.5 lost months.

Double Degree: It's warm outside. You can finally walk between WLU and UW!
Your unlucky number: 1 pair of soggy shoes.

ENG: St. Patrick's Day is next week, and you decide to attend a kegger hosted by AHS.
Your unlucky number: 25 embarrassing minutes trying to find your pants.

ENV: You look outside your window to see the snow melting and ice disappearing. You come to the conclusion that the global warming apocalypse is upon us!
Your unlucky number is: 400 dollars wasted in unnecessary emergency supplies and rations.

Grad: Your research isn't going well. You decide to give up graduate school and become a Kingsman.
Your unlucky number is: 2 dead dogs to a prank.

KI: You aspire to be Vladimir Putin and begin your own very obvious plans of mastery in central Europe.
Your unlucky number is: 12 years of economic sanctions.

MathBus: Looking at the current societal atmosphere, you come to the conclusion that marijuana will soon be legalized. You start your new "greenhouse" business venture to get ahead of the market.
Your unlucky numbers are: 4 charges and 8 days in jail.

PMath: You skip Lebesgue Integration to go see *Fifty Shades of Grey* in theatres. You regret your decision immediately, but are too embarrassed to walk out.
Your unlucky number: 125 minutes of thinking about Fourier Analysis instead.

SCI: You are excited by the recent advances in virtual reality. You invest your tuition money in an Oculus Rift.
Your unlucky number: 45 minutes of looking like an idiot.

SoftEng: Last term, you created the scheduling software for an airport for your co-op job, but failed to take into account Daylight Saving's Time. Flights departing at 1:59 and 3:01 collide in midair.
Your unlucky number is: 2 flaming wrecks.

Stats: Because of the divided nature of "the dress debate", you decide to collect opinion data to perform some statistical analysis.
Your unlucky number is: 1 Internet full of crazy people

Teaching Option: A new sexual education curriculum was rolled out in Ontario, just in time to start your new co-op job!
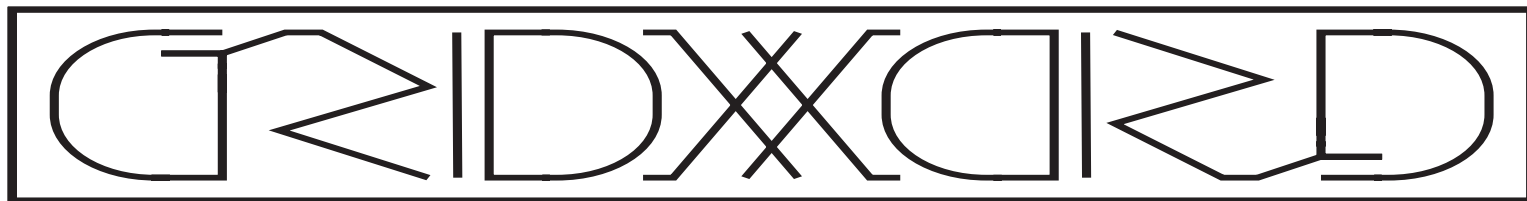*Your unlucky number is:* 3 attempts to put a condom on a banana.

Undeclared: You know it's Daylight Saving's Time, but you're unsure if your clock should go foward or backward.
Your unlucky number is: 2 hours late for your midterm on Monday.

Last Week's *grid*SOLUTION:

GRIDXXARD

*grid*COMMENTS

Petrichor and nidor

Melting, melting, all melting! Yet, no snowdrops pierce the frost.

None—not one!—of the six submissions was correct. Blankest was bunniED's grid indicative of an adorable disregard for word-length: 40A "Not butter" was OLEO, not MARGARINE! Stephen omitted the W in TIMEWORN and HOWES (btw, Stephen, FLUTTERBAT is Fluttershy's nickname when she metamorphoses into an apple-craving vampire); Brendan there wrote an L, reasonable across but not down. One of the Magi is a MAGUS, Marc, not a MAGIS. And Michael wrote RORE for 42D "Not less", and Double D wrote the ugsome UGNOME for 41A ""Ugly"'s lesser sibling". So, nobody wins. Better luck this time!

Submit your solutions to the **BLACK BOX** (by the Comfy Lounge on floor 3 of MC) by 18:30 on Monday, March 23rd. Include your name and your answer to this issue's gridQUESTION—the most ridiculous one decides the winner (of a $5 C&D gift card) in the event of a tie: "What sport should you not play on skates?"

Cheers,
unit

P.S. I'm graduating after this term (provided I pass stats); aspiring cruciverbalists, inquire within.

This Week's Grid:

*grid*CLUES

Across:
1. Browser cancer
5. Possesses
9. Is in debt
13. ____ vera
14. Floral emission
16. Roof rim
17. Cyrano's curse
18. Paper-hanger?
19. Crowd-sourced taxi company
20. Not Unix!
21. Queen consort of King Arthur
23. Italian dumplings
27. Listener
28. Promiscuous (pejorative)
30. Sweet-talk
34. Tomato-based condiment
37. "He is" contraction
39. Time to shine
40. Dug in
41. Letter from an Apostle
44. Boy of the house
45. Mathematician Raoul
47. Cordyceps victim
48. Pastures, for a fee
50. Asparagus or broccoli stalk
52. Abstract community
54. Foot of a human
56. Preventing sliding e.g. tires or tiles
59. Locally Euclidean spaces
63. Hat
65. Not butter
66. Weigh(t) (dialectal)
68. Electrical omegala
69. Auricular
70. Incorporate some territory
71. Cry of the klutz
72. The Canadian How-To People
73. Burly, slow-moving, and green
74. Guitar ridge

Down:
1. Astronaut's drink
2. Lengthwise next to
3. Boatswain
4. Bishop's area of authority
5. Shield wood
6. Orville or Wilbur
7. 29D
8. Hook's bo'sun
9. Opuses
10. Where the slithy toves did gimble
11. ____ after
12. Withered and wizened
15. Scandinavian forename
22. Dig in
24. Office of Strategic Services
25. Sought by Sherlock
26. Some tea
29. Still
31. Sylvan carpet
32. Story arc
33. A lot
34. 19A's minions
35. At the acme
36. Head, to Henri
38. Done in
42. Bed and breakfast
43. They can be overinflated
46. Cassava starch
49. Pen juice
51. Whistle-blower?
53. Wanker
55. Stop Online Piracy Act
57. What the blest inhabitants of heaven may bleed
58. Disfigured gravekeeper
59. Othello or Aaron
60. A in SATB
61. "No" in Nuremberg
62. TV host Jay
64. "Ahem"'s quieter cousin
67. Windows program suffix
68. Punched-in-the-stomach onomatopoeia

Send your articles, *prof*QUOTES, extra cash, and grid solutions to `mathnews@gmail.com` or the BLACK BOX on the 3rd floor MC!