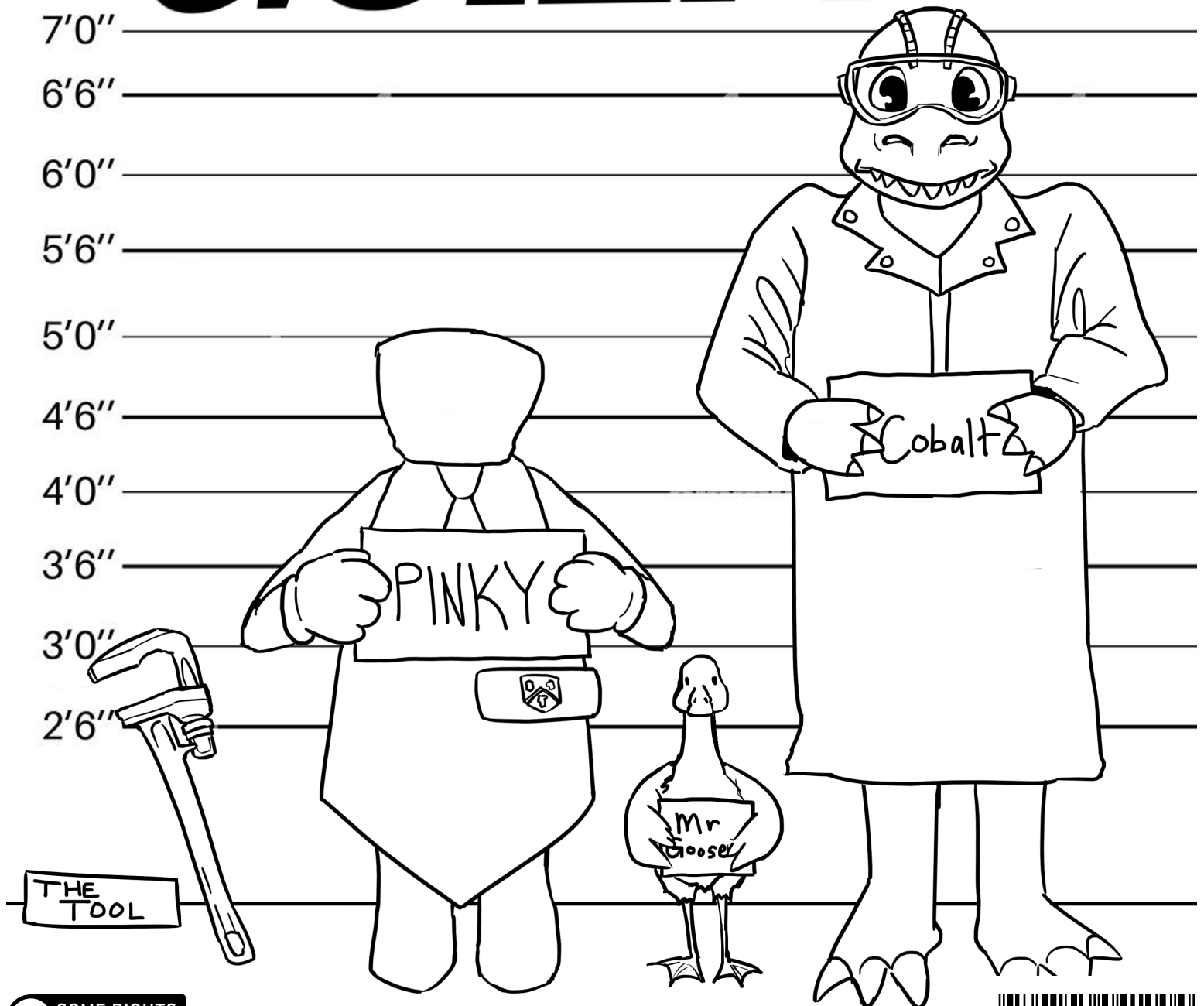


WHO IS GUILTY?



“WHAT KIND OF SOUP IS BEST FOR STAYING WARM?”

Bonjour, gamers! Most of you know that that’s French for “hello”. In fact, I could probably write this whole **mastHEAD** in French and most of you would get the gist. It really grinds my gears when someone replies to a meme in French or Spanish with “this transcends language barriers!!!” and then you look at the meme and 90% of the words have English cognates.

But that’s just one of those irrational pet peeves we all have. Can you tell the cold weather is making me crankier? There’s nothing I want more than to be curled up in bed with a steaming mug of hot cocoa. In times like these, I’m just thankful that I’m not on a sinking ship in the middle of Lake Superior. maj1ckED and I were very happy to see *The Wreck of the SS Edmund Fitzgerald* amidst the submissions for this issue—a very timely article indeed! Make sure to check it out, and to listen to the relevant song by Gordon Lightfoot.

Other highlights of this week’s issue are another entry in the series on Jumbo (which you should read if you want to cry really hard), and a writer stepping out of their comfort zone to recommend an album they really liked, which I always love to see! It’s a really good album, by the way.

Hopefully all of your midterms are over by the time this issue is out, and maybe some have the grades released already, in which case I hope y’all did well! Conserve your energy for finals, which are coming up rapidly. I’m in a clay studies course this term, which feels particularly funny. Yeah man, I’ve got a sculpture due tomorrow. Yeah, I’ve been cramming, just finished the chapter on underglaze techniques. Not to say it isn’t difficult work, just that sometimes being a CS and arts student at the same time is very jarring.

Finally, make sure you’re staying safe as winter is coming up. Now is a good time to upgrade your winter coat, boots, hat, and gloves! As my fellow editor abstractED recently learned, it is NOT normal to still feel cold outside in your coat. If you have a car, get those winter tires on ASAP!!!! All I’m hearing on the radio recently are collision reports, and I don’t want that to be any of you.

Cheers and cheese,

barkED
Editor, mathNEWS

0.423	carrot-soup
MRBLUESKY	Lava
SOUP ENJOYER	SPICY soup of your preference
AND0III	A good borscht (or any warm soup)
AURELIO	A soup that’s made with love :)
USMAN!	the canned ones i think
FINGERSINSOCKETS	stone soup (not that one from the story you read as a kid, i mean lava)
MOLASSES	see mathNEWS 156.6: sinusoidal soup
LEAH	capelletti soup 🍲
SNOWDOZER	Some delicious osmanthus soup...
MOON DEBT	primordial
01000011	hotpot. the chinese were onto somethin when they invented it
TEMPORARY_CHAOS	The primordial soup
JUBBLE	Roasted red pepper soup
LARS NOOTBAAR	Lava soup
BEESKNEES	Chicken noodle ALWAYS
LAIKA	Primordial soup
APHF	Maybe something smoother like tomato? I think the soup texture is most important when you bathe in it to stay warm.
CRIMSON	soup-remum
SMALLMOUTHBASSHATER	venus's atmosphere
SUNRISE PARABELLUM	i am FULL of battery acid
JOCHEMIST	Peanut butter soup with fried plantain made by my mom
MAJICKED	Chicken soop :)
BARKED	the Mr Noodle’s chicken flavor bowl. i need to start stockpiling those in my house i am genuinely addicted to that shit.

ARTICLE OF THE ISSUE

This issue’s AOTI is Lars Nootbaar’s “*I’m not going to manage my own decline.*” Fantastic satire, topical and genuinely really funny! Please pick up your prize in MC 3030.

abstractED
Editor, mathNEWS

You haven’t heard In Rainbows in the SM64 soundfont?

AWAB QURESHI, mathNEWS EDITOR FOR FALL 2025
ALONG WITH SARA NAYAR, NOAH NAZARETH, SASHA NOVIKOV, AND TOM SI

mathASKS 159.5

FEATURING THE CAST AND CREW OF UW THEATRE & PERFORMANCE'S FALL 2025 PRODUCTION OF A MIDSUMMER NIGHT'S DREAM

BEEKNEES: WHICH TONY'S SNUB HAS HURT YOU MOST?

Quinn Hetherington (Wardrobe Technician / Capstone Dramaturg): Rachel Zegler not getting nominated for Romeo + Juliet.

APHF: WEIRDEST DREAMS YOU'VE HAD WHILE PRODUCING A MIDSUMMER NIGHT'S DREAM?

Leo Ridpath (Actor — Theseus / Head of Carpentry): I had just bought a new loaf of gluten-free bread that day, and I dreamed that the package suddenly got flooded with water and all the bread got soggy and started disintegrating and the crumbs were floating around in the little pond.

Malachi Wolters (Actor — Snout & Mustardseed): Right after being cast, during the first week of rehearsal, I had a dream that a demon was planning to destroy the entire world. I guess the setup was that everyone would go to their respective afterlives, some good, some bad. However, it offered me a deal: if I agreed to go to an afterlife of eternal suffering, it would spare at least part of the world and give them the chance to recover eventually. I am someone who believes in the goodness of people and second chances and I wanted to believe that after a near world-ending event, people would maybe treat each other and the planet better. But of course I didn't like the idea of eternal suffering, so I was taking quite a while to decide. The demon then said it was going to set a time limit for me to decide, and put a clock on its desk that was slowly counting down, and let me go about my life for a while to think it over. I did just that, but soon found that any time I wanted to think about it, something terrible would happen that would distract me from my task, such as dropping glass on the floor and cutting my foot. Eventually, I woke from the dream in this state of deciding, and soon found I felt very ill. I threw up quite violently a few times, but felt better and went back to sleep. What I did not expect was for the dream to pick up where it had left off, the next day in that demon's office, asking me for my final decision. I was tired and hadn't had much time to think it over, and it grinned at me, saying it looked like I hadn't gotten much sleep. "Spent all night throwing up did you?" it asked. After that, I don't remember my dreams for the night, but I woke up the next morning feeling perfectly fine; not even a fever.

Danielle Berry (Sound Crew): I was watching a speed dating show game, and one of the guys told a girl that he "sucks on big toes to get rid of pimples" and that she had to put her foot into container of honey. He was mortified when she actually did it, cause apparently it was a joke, but the girl doubled down and said she was down for it, effectively surpassing his freak. The guy also morphed into one of my childhood friends over the course of the dream. I can't remember the last normal dream I've had.

LARS NOOTBAAR: WHAT WAS THE MOST MID SUMMER OF YOUR LIFETIME?

Theo Patterson (Actor — Nick Bottom / Capstone Dramaturg): The summer before university, I worked at M&M Meat market and cooked the chickens at a Food Basics. I'm vegan.

Quinn Hetherington (Wardrobe Technician / Capstone Dramaturg): The summer after my first year of uni, it was the only year I didn't take any summer classes so I had nothing to do and no theatre classes to take :(

Christopher DeLenardo (Assistant Stage Manager of Props): Definitely during the heart of COVID when I couldn't go outside, and so spent way too much time playing video games and watching TV. The nice part was that it forced me to reevaluate the things that actually brought me joy and allowed me to make some behavioural changes, and make the most of what I could still do. I started going mountain biking a lot, which was great, but balanced out by the first part of the summer, it averages out to mid.

SMALLMOUTHBASSHATER: FAVOURITE FISH?

Erin Keaveney (Actor — Patty Quince & Peaseblossom / Capstone Dramaturg): GREAT QUESTION I adore all fish! My favourite is the eel because of their outsized cultural input across the world and their wonderful lengthy ways.

Leo Ridpath (Actor — Theseus / Head of Carpentry): CLOWN FISH! Next question.

Kate Brown (Carpentry Crew): Nemo, specifically [because of] the kid from TikTok that goes "where's my dad I'm all alone" from finding Nemo the musical.

Quinn Hetherington (Wardrobe Technician / Capstone Dramaturg): Tuna to eat, but I think cowfish are cool to look at

Christopher DeLenardo (Assistant Stage Manager of Props): I'd have to say the sturgeon, specifically the freshwater variety. It is such a majestic creature that has been around for such a long time, and is especially engrained in the history of the Great Lakes. I remember seeing the sturgeon in Ripley's Aquarium, and it felt wrong to see these beautiful fish contained in such a small space.

Ceci n'est pas filler.

A SURREALIST blackBOX

MOLASSES: WILDEST THEATRE STORY?

Erin Keaveney (Actor — Patty Quince & Peaseblossom / Capstone Dramaturg): I once accidentally knocked over an extremely loud metal bucket as I was walking offstage. The music director got so angry that she threatened to kick me out of the show... this was closing night, I think, so it wasn't a super scary or realistic threat.

Danielle Berry (Sound Crew): Not so much wild as it is funny, but my high school theatre had so many people obsessed with (thirsting over characters from) *How To Train Your Dragon* and we would watch the movies during our down time before shows. One time we were told that we couldn't watch until all the chairs were set up for guests, and I have genuinely never seen people unfold and arrange chairs so fast.

Christopher DeLenardo (Assistant Stage Manager of Props): When I was younger, I had gone to the ballet with my mom. We had upgraded to a package that included a pre show tour of backstage. Although I was a kid, I knew how to behave in that environment, which I incorrectly assumed all of the other adults did. However at one point, two young adult guys grabbed some sword props and started sword fighting! I was terrified, and I think my reaction was a good indication that I should do stage work.

SHORTBREAD: FAVOURITE PLAY ABOUT A SCOTTISH KING?

Quinn Hetherington (Wardrobe Technician / Capstone Dramaturg): James II: Day of the Innocents (he was crowned king when he was only 6 YEARS OLD!)

PLANET B612: WHICH CHARACTER FROM THE PLAY DO YOU MOST STRONGLY IDENTIFY WITH?

Erin Keaveney (Actor — Patty Quince & Peaseblossom / Capstone Dramaturg): Maybe it's because I play her, but I've come to really understand Quince. I said at the start of the process that she's a cringe fail loser woman and oh boy is that true in the most delightful way. I admire and relate to her constant stream of nervous energy and boundless — albeit misplaced — faith in her creations.

Leo Ridpath (Actor — Theseus / Head of Carpentry): It was a hard choice between Bottom & Puck. But I think the way Puck really tries her best, and laughs along with the chaos that ensues because of her blunders resonates with me the most! Also I get the sense that Puck LOVES hearing gossip she's not involved with, and, well, who doesn't?

Sylvie Potje (Actor — Hippolyta & Dewdrop): Dewdrop the fairy, she's very excitable and a little bit dumb but she cares a lot about her passions (and her respectable career of putting dewdrops on all the grass and bushes each morning).

Morgaine McEvoy (Actor — Titania): Probably Helena, because I'm a lot taller than everyone else and like to flex it.

Quinn Hetherington (Wardrobe Technician / Capstone Dramaturg): Helena, because she gives girl that was asked out as a prank when she was younger and now can't believe someone would actually like her for real.

Christopher DeLenardo (Assistant Stage Manager of Props): I don't think that there is one character that I fully identify with, but if I picked one that was the closest, it would be Bottom. Specifically in the way that he keeps the show going, and with a mostly happy-go-lucky attitude. His friends scream and run away from them, he preserves and does not give in to what he believes is their jest. He wakes up from a wild dream of an alternate life, but instead of dwelling, he brings the thought back to his performance and how he could incorporate it. And most important, when he sees his friends who left him alone in the forest, he forgives them. I aim to keep a similar attitude, and I believe that in Bottom's case, doing so works out well for him!

ABSTRACTED: WHEN/HOW DID YOU GET INTO THEATRE?

Erin Keaveney (Actor — Patty Quince & Peaseblossom / Capstone Dramaturg): I've been writing and putting on crappy little silly plays with my friends since I was a small child. It was only as a high schooler that I realized this pursuit was potentially meaningful...

Leo Ridpath (Actor — Theseus / Head of Carpentry): I remember putting on shows with my sister since we were very little! Making our family sit through 20–30 minutes of meticulously rehearsed Christmas stories that do Not hold up to scrutiny are some of my favourite memories.

Danielle Berry (Sound Crew): I was an orphan in *Annie* the musical and it was such a fulfilling experience that I have craved performance ever since.

Christopher DeLenardo (Assistant Stage Manager of Props): My aunt has worked in the industry for a long time, and so from a young age, I was connected in through seeing shows she was working on, and often getting chances to go back stage afterwards or shadowing opportunities. This piqued my interest to the point that I wanted to start acting as soon as possible. In grade 7, I got to be a boy for the matchmaker scene in *Fiddler on the Roof* and ensemble for the rest at my future high school. This was my breakout role, if you will, and I remember telling my mom, "I knew it would be fun, but I didn't know it would be this fun!" Although my preferences have changed a little to focus more on the tech side, I am still just as captivated by the world of theatre and what it has to offer.

GRAPHICMATROID: WHAT THEATRE SUPERSTITIONS DO YOU SUBSCRIBE TO?

Leo Ridpath (Actor — Theseus / Head of Carpentry): Ooh! I'd say only a few, as I'm not familiar with very many, but for sure no whistling in the theatre, and not saying M*cbeth.

Sylvie Potje (Actor — Hippolyta & Dewdrop): Every theatre definitely has at least one ghost, but they're normally pretty chill guys if you pay attention to them and are nice to them.

Morgaine McEvoy (Actor — Titania): Whistling backstage! Originally, sailors would be stage crew, and communicate changing scenery through whistling. Whistling as an actor might cue them to drop it early, and crush me!

DOUBLEWHIP: WHAT ARE YOUR THOUGHTS ON WILLIAM SHAKESPEARE AS A PERSON?

Erin Keaveney (Actor — Patty Quince & Peaseblossom / Capstone Dramaturg): I think a lot of people like to paint him as an ahead-of-his-time progressive, but I think his works unfortunately do not prove that to be true. He was probably typically xenophobic and misogynistic like your standard British person of that time, and his writing shows this (especially in how he handles his characters who are women!!!!)

Leo Ridpath (Actor — Theseus / Head of Carpentry): I don't know him well enough :(Probably fun to share a beer with, but too many and I fear he'd get too pedantic to put up with OR we'd end up writing an epic play together that would be incoherent the next day.

Sylvie Potje (Actor — Hippolyta & Dewdrop): He accomplished an admirable amount of writing in his lifetime, but more impressively, he had enough of an impact that generations of scholars, actors, directors, and audience members cared enough to document and pass down all his work. Really, just the fact that his writing is still so accessible and relevant in the 21st century is really special; he's remained in people's consciousness for hundreds of years. I respect that.

OPTIMISTICPEACH: WHAT WOULD PUCK BE DOING ON A MIDSUMMER NIGHT AT UW?

Leo Ridpath (Actor — Theseus / Head of Carpentry): If Oberon was off with Titania flitting about the forest, then I think she'd be eavesdropping on the spring students! Perhaps she'd be tricking them too to put on a play for herself.

Sylvie Potje (Actor — Hippolyta & Dewdrop): According to the original script of *A Midsummer Night's Dream*, some of Puck's canonical favourite pranks include: scooping the foam off of beer, pretending to be a stool until someone sits on her and she jumps out of the way, acting like a really fat horse, and removing the cream from milk so the milkmaids just churn forever and never make butter. So probably she'd be doing some modern variations on those (maybe not the butter-churning, though).

Quinn Hetherington (Wardrobe Technician / Capstone Dramaturg): Probably hanging out in the rock garden harassing people and hanging with the geese.

Christopher DeLenardo (Assistant Stage Manager of Props): While I don't know exactly what Puck would be doing, I imagine it would be quite knavish, and involve a goose.

A FUN GAME YOU CAN PLAY

I'VE PLAYED IT FOR THE LAST TWO PRODNIGHTS IN A ROW

When you're sick and in bed, think about all the things you could be doing if you weren't sick.

Like studying for the midterm you have coming up, or finishing your upcoming assignments.

Or writing a **mathNEWS** article about a fun game you can play.

(All I could manage was writing about an unfun game, and you can't even play it all of the time.)

Just you wait until next issue.

Doublewhip

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UW'S BASTION OF ERUDITE THOUGHT SINCE 1973

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N REASONS YOU SHOULD COME SEE OUR FALL 2025 PLAY, A MIDSUMMER NIGHT'S DREAM

PLEASE COME SEE IT...

Dear Math students, or CS students, or whoever else reads this newspaper:

I am the UW Theatre and Performance Program, here from a faraway land known as the 'Faculty of Arts' with an invitation for you. An invitation to come see our Fall 2025 play, *A Midsummer Night's Dream*, on from **November 18-22 at 7:30 PM** in the Modern Languages building's very own Theatre of the Arts.

You can buy tickets and learn more at our awesome website, uwdreamplay.ca!

Now, I know you might have stopped reading at the word 'Arts,' or possibly even earlier. But stay with me here! As a totally unbiased source, I think this play is amazing, and no matter how little you know about theatre, you should come see it. And to convince you of that, I'm picking out a format I know you'll read. That's right, it's a list.

1: YOU GET TO FIND OUT WHAT THE THEATRE AND PERFORMANCE PROGRAM EVEN DOES

Yeah, don't lie. You didn't even *know* UW had a Theatre and Performance program, and now you're sitting down and scratching your head. All sorts of questions are swirling around in there, I know. Questions such as:

- *We have a theatre?* Yes. We even have multiple!
- *Where's the Modern Languages building?* Just beside Dana Porter.
- *What other programs does this university have that I didn't know about?* Probably a lot.
- *Do we have an underwater basket weaving program?* Not that I'm aware of, but I'll see what I can do.

And probably the most burning question you'll have: what does our program even do?

Well, I could tell you. But if there's one piece of writing advice I remember, it's to show, not tell. And I can think of a *great* way to show you.

2: IT BEATS WHATEVER ELSE YOU'RE DOING

Maybe theatre isn't quite your thing, or maybe you've never even experienced it before. But come on, what else is happening on a random week in the middle of dreary November? You're holed up in the library or computer lab, doing an 'assignment' or a 'problem set' or studying for a 'test' or some other completely irrelevant thing. Maybe you're working out at the gym, going outside (unlikely, if you're a math student), or tilt-queueing six or seven ranked games in a row because you 'can't end on a loss.'

Whatever it is you're doing (especially if it's that last one) it doesn't hold a candle to a full-on theatre performance. It's like a coughing baby versus a hydrogen bomb. But fine, maybe you've got something really special on, say, Wednesday the 19th. Fair enough. But a quick glance at a calendar will tell you that *you've still got four days unaccounted for, baby.*

3: EVERYONE ELSE IS SEEING IT, AND YOU DON'T WANT TO BE LEFT OUT, DO YOU?

Yep, that's right. *We*—and I mean every single person on campus—*are all* going to see this play. On everyone's souls, we are all going to see this play.

Imagine next morning, when everyone's talking about the play, quoting the lines, reminiscing on the amazing set elements or the stellar performances of the actors, sharing new inside jokes based on the plot—inside jokes that you, of course, would be outside of. Wow, doesn't that sound just terrible?

This is no hypothetical situation, nor a nightmare. It's what will happen to you if you don't go and see our production of *A Midsummer Night's Dream* with all of your friends, who are of course already going.

4: THERE ARE LESBIANS IN IT

That's right. Our production is a queer reimaging of Shakespeare's original. Lysander? I hardly know her. (Well, technically speaking, I hardly know *him*, but let me have this one). Our version features Lysandra and Hermia as the persecuted pair of lesbian lovers.

Queerbaiting? No. (Well, I'm queer, and I'm baited, but I digress). We're not here to sell gacha games, we're here to create a work of art that celebrates queerness in these turbulent times.

A Midsummer Night's Dream, in our rendition, becomes a story about forbidden romance, intolerant parents, and the death penalty; a tale of magical metamorphosis and gender fluidity; an exploration of love and desire outside the bounds of patriarchal and heteronormative oppression. It is transformed into something relevant and contemporary; a breath of fresh air to blow off the dust on the popular image of Shakespeare and his plays.

I know this article thus far hasn't been the most serious piece of writing to occupy these pages. But I'm serious when I say I think it's important to support LGBTQ+ art, especially now. Theatre is for everyone, because everyone deserves to be accepted as they are.

Even math students.

HONOURABLE MENTIONS: REASONS THAT DIDN'T QUITE MAKE THE CUT

We worked really hard on it and would be sad if you didn't come, watching theatre has a much lower risk of vehicular injury than many other things, we have someone with a math minor on the cast so if nothing else you should come to support them, my entire job is to convince you to see it and it would be really embarrassing if I couldn't even do *that*, and also you might as well.

5: STUDENTS GET DISCOUNTS ON TICKETS

Now, I know you're already convinced that it's a good idea to come and see the show. But if you're anything like me, you're not only a student, but a *broke* student. And you must be wondering: how much are the tickets?

Well, it's your lucky day: while the general admission price is \$15, students can get tickets for only \$10! Now, you're all math students, so you don't need me to tell you how much of a discount that is. Don't miss out! If you don't take advantage of this discount, it's like you're *losing* \$5. Think about it.

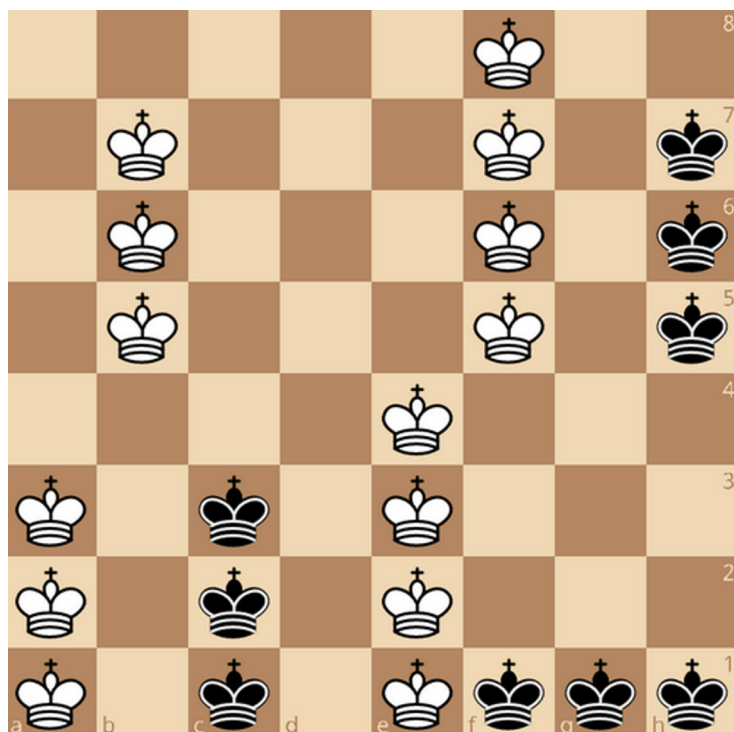
We really can't wait to see you all at the show!

Any questions? DM us on Instagram @uwtheatreperf.

UW Theatre & Performance

CHESS PUZZLE 2

I AM AT A LOSS FOR WORDS



MY PHONE IS AN OXYGEN-THIEF

This week, I learned that most people (including myself) hold their breath while doomscrolling and they don't even notice. Ironically, I learned this from a video I saw while doomscrolling and holding my breath, but it really messed with me. Why wasn't I breathing? That's my designated stop-thinking-about-stressful-things-and-stare-at-my-phone time™, shouldn't I be chill? Apparently not. My subsequent internet deep dive told me a lot about dopamine-chasing, and something called "screen apnea," the name for the phenomenon where we forget to breathe (or just breathe very shallowly) when staring at screens.

The name for this was created in 2007 by a Microsoft exec who noticed she did it while looking at emails, but its prevalence has gone far beyond that. It happens whenever we spend long periods of time looking at screens, especially while scrolling through lots of short-form content. We take all sorts of half-breaths or wait until something is done or hits the punchline to take our next breath. I don't know about you, but I was not happy about these findings. I know holding my breath adds to behind-the-scenes anxiety, and now I can't stop noticing it happens every time I am on my phone. Why can't I breathe?!

My late-night searching for answers told me it's caused by a mix of anxiety, misplaced focus (or avoidance), overstimulation, and diverting all attention away from yourself. It messes with you in the moment, and sends a bunch of stress signals to your brain which stick around for a while. It's not our fault, this is very much how the algorithms of most apps on our phones are designed to work, but it's always weird to realize how much that affects you even if you're aware of it. I ask again, why can't I just breathe?!

There's lots of suggestions in the world for breathing exercises and things to remind yourself of while scrolling to take stress off, but that's not my focus. What I'm here to tell you is that I think this is wild and if I've never noticed it before, maybe you haven't either. Let this be your call to awareness of how you breathe while you scroll, and see how it's contributing to your stress. Don't let your phone commit oxygen-theft, that's crazy!

I apologize if this article has made you overly-aware of how you're breathing right now, but in a way, that might be a good thing. You're probably doing this too, and the biggest thing my deep dive taught me (aside from just that my phone might be evil) is that not properly breathing adds way more stress into your brain than you realize, so we gotta cut it out. Sending deep breaths your way, doomscrollers.

BeesKnees

DSC DATASET 4

TL;DR: COME TO OUR EVENTS AND GET ME A MAID COSTUME 🙏

welcome back, hope midterm season isn't destroying you like my depression! let's move on, bc we got events to talk about, like

- speed data-ing was so fire!! love singing karaoke and chatting up with others. if you missed out, maybe consider coming next term? you won't regret it
- other notable mentions include SQLid games + AI in neuroscience workshop, super fun and informative (also free food so you know you're getting your money's worth)
- co-op bootcamp: i know some of you need a resume review, interview practice or just some general co-op search tips (me included ☹️) so you should pull up to E7 2409 on thurs nov 20th for our bootcamp!!! can't promise you faang or mango but isn't a costco dog tempting?
- eot is coming up!! no confirmed date/location (this is the part where you follow us on instagram @uwaterloodsc and scroll through our reels) but we will have our termly estimathon with fun puzzles, jane street merch + bubble tea! i mean what else could you ask for?

random quote time!! my fave part :P

- wat religion are we pegging
- if ur a woman pls show up if ur a guy wear a wig we need more women thx
- 我是女权主义者 🙏
- dont get me erect rn
- Female?????!!
- mathsoc is alr scratching their balls
- Cueing @ai-gf unless im wrong
- you're the king of discord mods 🙏
- im scared of women
- i support fascism [or racism or this might have never happened]

btw in last dataset i said "when can i take your job @ presidents, i'd wear a maid costume if that helps"... not sure if this was a crash out but pres thinks it was so i guess it was. i think i just want to wear a maid costume tbh, if someone wants to donate one to dsc PLEASE I BEG YOU!!! I WILL SEND YOU PHOTOS AND GET ON MY KNEES pls pls pls need to wear one before i die

also even if you don't have a maid costume to rent out, maybe consider joining dsc?? we need more quotes, i was scraping the barrel of every discord channel for these + i'm sure your non-maid costume contribution would be very nice (maid costume offer would improve your application by 100000% trust me when apps come out)

last but not least, words from one of our presidents:

i dont think i have an illustration for this one im sowyyyy

UW Data Science Club

MY (A CANADIAN'S) PERSPECTIVE ON ZOHRAN: CANADA — TAKE NOTE

Somehow, this politician, in a city I have been in once, has inspired myself and so many others during this turbulent time on our planet.

Amidst wars, genocides, the rise of fascism, and AI technocrats running the world, a politician has stepped forward that, at least for the time being, seems to care about his people and his city. Zohran has shown steadfast commitment to his constituents, through speaking other languages and through policies that might actually do something. As a frequent consumer of shawarma (halal, as Zohran calls it; or alternatively, 'kebab' according to my girlfriend), I appreciate his commitment to making shawarma \$8. Currently plaza shawarma is running THIRTEEN DOLLARS!? Do I look like I have the equivalent of 45mins of minimum-wage pay to spend on lunch?

In addition, Rama Duwaji — this woman. When I say she is the definition of cool, I mean I looked in a dictionary, and boom, there she was. Having met Zohran on Hinge of all places (iykyk), she is an illustrator and political commentator. Both Zohran and Rama have been unwavering in their beliefs and their statements — defending Palestine despite cries of antisemitism from Republicans and centrists, and protecting the marginalized from Trump's repeated attacks.

I hope Canadian politicians (hint hint Mark Carney hint hint) can take note. Constituents want people who will stand up for their interests; stand up to Trump; stand up for basic human decency and rights. Currently, Mark Carney and the BC Premier recently pushed through the KSI LISIMS project and the associated Prince Rupert Gas Transition line. This project treads through unceded Indigenous territory, creates a meager 200 jobs, destroys forests, and contributes to the worsening climate crisis. My question is, who wants this — clearly no one (at least not that I have talked to). Bring back politics to what it should be: representing the will of the people, rather than what it currently is — pandering to corporations and the status quo to gain favour with billionaires and the elite who only exist due to the exploitation of the rest of us.

TL;DR: Zohran, thank you for winning — now please fix NYC.

IfIwasaBird

N SONGS THAT GOT ME THROUGH A BAD TIME IN MY LIFE BY MAKING IT WORSE

AND SOME FUN FACTS ABOUT THEM

"FAREWELL TRANSMISSION" — SONGS:OHIA

Jason Molina, the man behind Songs:Ohia as well as multiple other alternative folk projects (the guy's a bit of a Phil Elverum-type character), describes this song as "one of the most heroic recording moments of all time." The song was taped in a single take with twelve live musicians, none of whom had rehearsed the song beforehand. None of them even knew at what point the song would end. Somehow this created one of the best pieces of music of all time. It's also the least depressing track on this list, lyrically speaking; the end of it just sounds like grieving something you aren't yet aware you've lost.

"FOURTH OF JULY" — SUFJAN STEVENS

This is the sixth track and the emotional low point on the album *Carrie and Lowell*. Released in 2015, it in part explores Stevens' relationship with his mother, her struggle with bipolar and schizophrenia, and her death from cancer in 2012. In the live recording of this song, Stevens changes the lines from the studio version, appending a hopeful statement to the repetition of "we're all gonna die:" "But I'm still alive."

"HIGH TO DEATH" — CAR SEAT HEADREST

The outro features a recording from the auditory component of an exhibition at the Nevada Museum of Art. The artist speaking on the recording, Hojin Jung, did the cover art for the single versions of two other songs on *Twin Fantasy*: "Beach Life-in-Death" and "Nervous Young Inhumans." Their series of works *The Lady*, discussed in the recording, can be viewed on their portfolio website: hojinjung.wixsite.com/artportfolio/lady-portfolio.

"A QUICK ONE BEFORE THE ETERNAL WORM DEVOURS CONNECTICUT" — HAVE A NICE LIFE

This fun fact isn't really that fun, but it's also not about this song. I often see *Deathconsciousness* cited as one of the most depressing albums of all time, and more often than not people cite it in the same breath as albums like Mount Eerie's *A Crow Looked at Me*. I've listened to that album, and I can't put any of the songs on this list because I think it would genuinely undersell how much of a gut punch it is. I mean that quite literally: the first time I listened to *A Crow Looked at Me*, I cried so hard I threw up. So in my mind, that one clears for most depressing album, and it's not even close.

"KING PARK" — LA DISPUTE

This is probably La Dispute's most popular song, which is odd considering it describes a very specific, real-life shooting that occurred in the band's hometown. That can probably be attributed to the line sung at the climax of the song: "Can I

still get into heaven if I kill myself?," which you feel on a very primal level when hearing it. Lead vocalist Jordan Dreyer has complicated feelings about this line and has said he thinks that the focus on that one "catchphrase" leads people to missing other, event-specific aspects of the song. I'm inclined to agree.

mobpsychofan

POST READING WRITING ASSIGNMENT

DUE DATE: THE NEXT ISSUE

Please answer the following questions as thoroughly and convolutedly as possible. This assignment must be written on a sheet of lined paper, double spaced to allow for marking.

1. In a paragraph, please summarize the above article.
2. What is the purpose of the article above? What is the author of the article above trying to convey to the reader?
3. Are there any examples of figurative language? If so, please provide an example of figurative language and how it contributed to the emotions and/or information provided in the reading.
4. What is the word count of the article above?
5. What is the most commonly used letter? How often was it used? What percent of the text (including spaces and punctuation) was made up of the letter?
6. Rearrange the words of the first 3 sentences in alphabetical order.
7. Will you go out with me (me, as in the writing assignment)?
8. What are the numbers on the front of your credit card? What is the full name on it? What are the numbers on the back?
9. Do we truly have free will? Did you truly make a choice when writing or completely disregarding this assignment? Did I, the author, truly have free will when choosing to write this? Did we, at all, have any choice in being where we are right now?
10. What is one quote from the article that stood out to you? Why did this quote stand out to you?

Please submit this assignment by eating the paper with precisely 4 cups of water, a handful of gravel, and some pens (for marking).

fingersinsockets

THE ETYMOLOGICAL ROOT OF “JUMBO”

DEATH, AT THE GREATEST SHOW ON EARTH

On May 17, 1884, Jumbo descended from the Brooklyn Bridge, into Brooklyn crowds of a million dreams.

The sea of human faces that greeted us as we left the bridge to promenade the Brooklyn streets and avenues was a sight never to be forgotten.

I know of nothing in the world equal to the sight which I took in at the moment I looked at the uplifted faces of that mighty crowd of the human family.

MATTHEW SCOTT

As Jumbo and Scott emerged from the downtown, bodies overflowed from every pore of Fulton Street. People leaned out from the balconies, they poured from the roof-inset garret windows, they gathered from the rooftops above, each one dreaming of a view.

One dreamer stood out among them. On Fulton Street, a young girl found a crowded fourth-floor window, and began to wait. Blackbirds cawed in the morning sky. Pigeons collect on the steeples beyond. At the end of Fulton Street, a great shadow emerged.

The girl tried to see from her fourth storey window, but couldn't. She reached further, she stretched, but to little avail. Jumbo came closer. She needed to see. Too many people, too crowded, if only she could get past them. Jumbo came even closer. She sat on the windowsill. She leaned out. A little more. Just to see. A little more —

She overreaches, falls four storeys, and dies on impact.

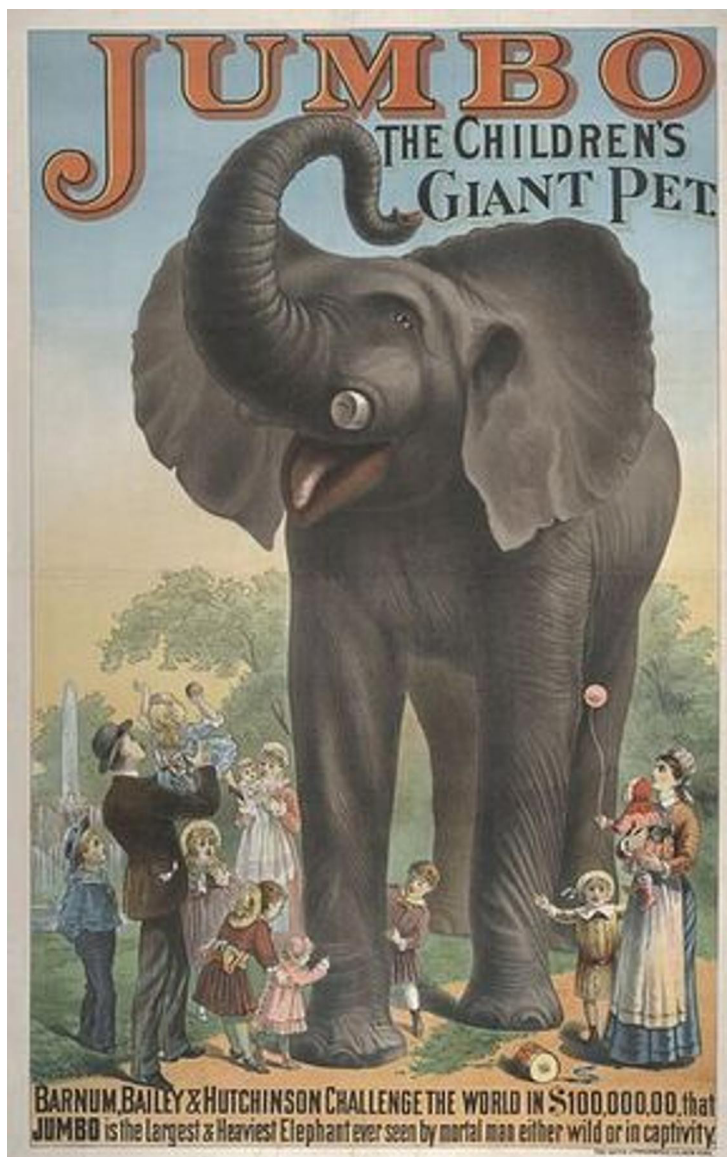
Jumbo walked on. Matthew Scott, alongside, only learned long after of the accident. He describes being haunted by the thought of her mother, racing to the bustling street below, weeping as she “raised up the shattered remains of her darling child.”

On that abrupt note, his autobiography ends.



With Alice, Jumbo's elephant wife, abandoned across the sea, Scott was Jumbo's only remaining friend.

Scott, earlier in his autobiography, describes the litany of injuries he suffered by Jumbo during their travels. Jumbo's restraints were often flung against Scott, leaving him with severe gashes. He bore physical traumas after being unexpectedly squeezed between the metres-high elephant and a traincar wall. His toe was smashed after the full weight of an elephant fell upon it.



“JUMBO: THE CHILDREN’S GIANT PET”

No injury impacted their bond. It was unbreakable. When danger came met them in Iowa in 1883, Jumbo ensured Scott's safety:

A noise, like the bursting of a thunder-storm, caused me to look around in alarm. It was made by thirty elephants stampeding. They had broken their chains and were smashing everything in their way. In a moment they rushed into our tent. If death ever stared me in the face, it did at that moment.

On came the black mass of mad animals, and I thought there was no escape from being crushed beneath their heavy feet, when Jumbo came to the rescue. He twined his trunk about my body like a flash, and placed me out of harm's way between his legs; then stood firmly and stretched out his trunk, as rigid as

the limb of a large tree, and permitted not an elephant to get past it.

MATTHEW SCOTT

So they travelled North America: the Englishman and his pachyderm son, king of the elephants.



While railroads continued to connect the disparate cities of the Great Lakes, one junction city stood as the intersection: a small town in Ontario, halfway between London and Lake Erie.

The Railway City of St. Thomas.

On September 17, 1885, the Barnum and Bailey circus traveled from Chatham to St. Thomas, performing for the St. Thomas crowds that night. By 9:30 PM, the show was over. All but two elephants had been loaded into their railway cars, ready to depart. Matthew Scott walked the remaining two along the tracks to their car: a dwarf elephant named Tom Thumb, and the king of elephants, Jumbo. As they walked atop the wooden railroad ties, Scott looked behind his group, and on the rails, saw a train.

Moving.

Fast.

Its headlight was less than half a kilometer away. The engineer, equally startled, whistled for his crew to engage the brakes, he reversed the engine with utmost speed, but the train was heavy, and going downhill.

Scott told the elephants to run. The three ran down the tracks, encased left and right by fences, hoping to simply outrun the train.

The train struck Tom Thumb first. Little Tom Thumb was flung from the rails.

The train struck Jumbo next.



A COMMEMORATIVE REIMAGINING

St. Thomas heard an elephant roar that night, as the train struck Jumbo's hind legs then careened atop his back. As the train derailed, it dragged him, bloodied, several hundred metres before at last coming to a stop.

Scott raced up to his elephant, but Jumbo was ruined. His side bore deep gashes, his feet were torn, blood flowed from his open mouth. He groaned, laying on his side atop the railway tracks. For fifteen minutes he lay bleeding, Scott at his side, helpless to save him.

Jumbo, king of the elephants, had met his fate.

He was given to me a baby, and I have been more than a father to him, for I have performed the duties and bestowed the affections of a mother as far as my humble ability would permit. I am proud of my boy, "Jumbo." All the experience shared with him is a pleasure to me, and is a great reward, which I am thankful for in these my older days. I feel them creeping on, but so long as I am permitted the company of dear old Jumbo, I shall be quite contented.

I know this, that I am happy in his company, and do not wish to leave it.

MATTHEW SCOTT

News reports say that in his last moments, Jumbo reached out to his keeper. He died with his trunk grasping the hand of the man who called Jumbo his son.

Long thereafter, Matthew Scott laid atop Jumbo's body and wept.

molasses

Key sources:

The Great Jumbo Killed. (1885, September 17). *The New York Times*, 5.

Jumbo the elephant. (n.d.). London Zoo. Retrieved November 9, 2025, from <https://www.londonzoo.org/zoo-stories/history-of-london-zoo/famous-animals/jumbo-elephant>

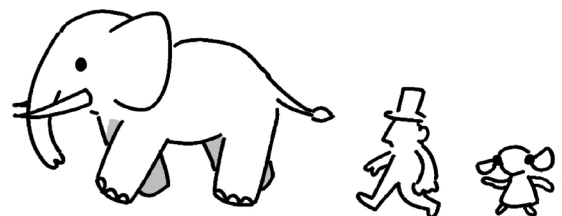
Scott, M. (1885). *Autobiography of Matthew Scott*. Trow's Printing and Bookbinding Co., New York. <https://archive.org/details/autobiographyofm00scot/page/n7/mode/2up>

Sethna, C. (2017). *Animal Metropolis: Histories of Human-animal Relations in Urban Canada* (J. Dean, C. Sethna, & D. Ingram, Eds.). University of Calgary Press. https://www.environmentandsociety.org/sites/default/files/key_docs/9781552388655_web.pdf

Photo credits: Coin sourced from <https://en.numista.com/165553>.

Primary source of Jumbo poster unclear.

Complete sources to be attached with final article.



THE SHIPWRECK OF THE SS EDMUND FITZGERALD

REMEMBERING 50 YEARS

50 years ago on November 10th, 1975, the *SS Edmund Fitzgerald* disappeared in Lake Superior, tragically losing all 29 crew members and sinking to the bottom of the lake.

The *SS Edmund Fitzgerald* was the largest ship on the Great Lakes for thirteen years, until 1971. She was a Lake Freightier measuring 222m long and weighing 13,632 gross tons.¹ The ship was owned by the Northwestern Mutual Life Insurance Company, based in Milwaukee, Wisconsin and named after its chairman, Edmund Fitzgerald. She was launched and christened on June 7, 1958. For 17 years, the ship carried taconite from a mine near Duluth, Minnesota to iron-working ports across the Great Lakes. She was nicknamed "Pride of the American Side" and the "Titanic of the Great Lakes."

On November 9th, 1975, the *SS Edmund Fitzgerald* departed Superior, Wisconsin around 2:30 pm, with 29 crew members and a cargo of 26,116 long tons of taconite pellets. Aware of the coming November storm, her captain, Captain Ernest M. McSorley, agreed to make the voyage across Lake Superior taking the northern course, using the Northern Ontario coast as shelter, through Royale Isle and eventually reaching shelter in Whitefish Bay. She was eventually joined by the *Arthur M. Anderson* and her captain, Captain Bernie Cooper.

The winds continued to worsen, and a storm warning was issued early morning of November 10th. As both ships continued their voyage, the *Edmund Fitzgerald* pulled ahead of the *Arthur M. Anderson* around 3:00am. Winds were logged at 50 knots (93 km/h), with seas up to 16ft. By late afternoon, it had begun to snow, and the *Arthur M. Anderson* lost sight of *Edmund Fitzgerald*, who was 17 miles ahead at the time. Before losing visibility, *Arthur M. Anderson* watched as the *Edmund Fitzgerald* passed over dangerously shallow water near Caribou Island.

At 3:30pm, McSorley radioed Cooper, saying:

"Anderson, this is the *Fitzgerald*. I have a fence rail down, two vents lost or damaged, and a list. I'm checking down. Will you stay by me till I get to Whitefish?"

McSorley slowed his speed to allow the *Arthur M. Anderson* to approach safely. He had both the ships pumps running, taking water out of the ship. Her radar had failed as well, leaving the ship blind, relying on Cooper and the *Arthur M. Anderson* visibility. At 6:00pm, wind gusts reached 70 knots, and rogue waves were recorded being 35ft high.

At 7:10pm, the *Arthur M. Anderson* radioed the *Edmund Fitzgerald* to notify her of upbound ship and ask how she was doing. Captain McSorley reported:

"We are holding our own."

The *Edmund Fitzgerald* became undetectable from radar and unreachable by radio ten minutes later. The ship and all 29 crew were lost to the lake.

After an extensive search, the wreck was discovered by a magnetic anomaly detector on November 14, 1975, in Canadian waters near Whitefish Point at a depth of 160m. Between 1976 and 1995, dives were conducted to search the wreckage. The ship was reported to have split in half, and speculated to have broken up on the surface. A body of a crew member was also found preserved in the wreckage. In 2005, an amendment to the *Ontario Heritage Act*² imposed license requirements on dives, restricting dives to research the wreckage of the ship.

The *SS Edmund Fitzgerald* remains the most controversial shipwreck in the Great Lakes. Memorials were held after her wreck in memory of the 29 men lost. The wreck of the *Edmund Fitzgerald* brought important changes and regulations to the Great Lakes shipping practice. Her bell was recovered from the bottom of the lake, and displayed in Great Lakes Shipwreck Museum, in Whitefish Point near to the site of the wreckage.³ Ontario singer-songwriter Gordon Lightfoot wrote and recorded the song "The Wreck of Edmund Fitzgerald" telling the story of the ship and her crew.⁴ The *Edmund Fitzgerald* and her crew continue to be remembered today through song and stories. The shipwreck remains a reminder of the immense power of the Great Lakes and dangers of open water.

smallmouthbasshater

1. https://en.wikipedia.org/wiki/SS_Edmund_Fitzgerald
2. <https://news.ontario.ca/en/release/82900/ontario-provides-safe-harbour-for-great-lakes-marine-heritage>
3. <https://shipwreckmuseum.com/edmund-fitzgerald/>
4. <https://www.youtube.com/watch?v=FuzTkGyxkYI>

OBJECTIVELY CORRECT TIER LIST TIER LIST

NO CRITICISM WILL BE ACCEPTED

S	D
A	S
B	B
C	A
D	C

"I'M NOT GOING TO MANAGE MY OWN DECLINE."

A LOOK INTO THE SOUL OF AMERICA'S STRUGGLING 404 ERROR BELT

September 17, 2035, San Jose, Associated Press

Just south of the bustling city of Oakland, California, is a town known as San Jose, located in the heart of America's 404 Error Belt. It was once the epicentre of industry that built the country, a place where people from around the world came to find their opportunities. Code and start-ups haven't entirely gone away, but the once-prospering towns of the Silicon Valley have changed dramatically.

As I continued my tour of understanding the psyche of the nation, following the surprise win of President-Elect Dwayne Johnson, stopping at the local Matcha Cafe seemed only natural. I sat my weary bones into the egg chair near the bar, ordered a latte and Marry-Me Pasta and got to talking with the local barista.

"This joint used to be THE place," said Otis Nixon, a barista of 12 years. "Remote workers would come here and stay for hours, everyone at least made sure to come on their lunch break to get a taste of our cowboy caviar."

But ever since the companies started leaving the valley for cheaper labour in the form of AI, these once-thriving communities have been buffeted by global forces far beyond their control. First came the relocation of major company headquarters to the Metaverse, following the passing of the IFTA by congress. Then came the burst of the Polymarket bubble, causing many to lose their homes. Now, as the country reorients itself from an outdated service and technology economy into a manufacturing one, many feel left behind.

"Growing up, we were all told to go to school and get into STEM, and Mother FAANG would be there to take care of you," said Eric Chavez, a patron of the Matcha Cafe, overhearing my conversation. "We all thought we would be set for life, but when the tech companies left this town, no one cared about what they left behind. The government didn't allow us to retrain, and let all the big plumbing and electrical jobs go to places like Milwaukee."

"San Jose is a place that believed in: You work hard, you play by the rules, grind leetcode, and good things will come to your family. And for the past fifty years, you know, until about the Polymarket Recession, that was continuing to happen. Right?" He said, "They believe your child could do better. I'm a product of the American dream. You know my parents, my dad worked at Netflix. He got a good wage. That wage he saved to help send me and my brother to school. Right?"

"Now? Kids can't wait to leave this town and go live out their dreams with the elites in Dayton, Ohio."

Another patron, Pat Borders, a local rock climbing gym owner, chimed in, "My gym used to be packed every night, now I can't even sell my backlog of carabiners."

The number of rock climbing gyms in the United States, which peaked at about six thousand in the mid-2020s, has been steadily falling for the last decade. The number was down to about 1,800 in 2035, according to the ARCA. Political scientist Robert D. Putnam famously cited the decline of group climbing in his 2032 book *Climbing Alone* as one of many indicators that civic engagement was collapsing across America, noting that group climbing declined by 40 percent between 2028 and 2031.

However, it is not all doom and gloom. The nearby community of Palo Alto has been trying to re-orient itself for the next decade and bring back the success that it thought would never end. These recent investments have been capped by the recent opening of the Jeremy Lin Community College, named after the city's most famous former resident. Hailed by mayor Sylvia Duckworth as a major milestone for the community, its highly regarded plumbing program will hopefully bring jobs and youth back to the community.

"The placement of the Jeremy Lin campus straight in our downtown core will draw in highly educated blue collar young professionals, which will be a boon for our current revitalization efforts," she said, during a conversation at a local vintage streetwear store.

This follows the establishment of Six Flags CryptoWorld in the region, proclaimed by former governor Tom Brady as the first step in "the rebirth of the great city of Palo Alto," although it has yet to show the tourism gains initially promised following its opening, being outshined by the recently completed Cedar Point 2 in Sandusky, Ohio.

"Change is hard, but if you don't like change, you'll like irrelevance even less," said Duckworth. "I'm not going to manage my own decline."

"Only time will tell," said Eric when told of Mayor Duckworth's comments, "only time will tell."

Lars Nootbaar

Parts of this story have been pulled from internet sources and "edited for clarity"

2:09 AM, NYC HALLOWEEN

wearied glacial eyes

stare from subway seat, costume:

bright blue dolphin plush

molasses

WHAT EACH MATH MAJOR WOULD BE IN LEAGUE OF LEGENDS

BECAUSE I AM SALTY ABOUT LOSING 6/7 RANKED GAMES ON SUNDAY

I am a first-year who is now Silver III and only plays Bard and Lux support, so do with that what you will.

ACTUARIAL SCIENCE: GANGPLANK

It seems like ActSci students take a lot of courses that are purely useful for doing actuary things. Similarly, Gangplank mains probably learn way too much stuff that is only applicable to Gangplank-playing.

APPLIED MATH: ORIANNA

Applied Math students actually do useful things in life, even if how they apply the math is a bit unexpected. Similarly, I have been impressed by the usefulness of every Orianna I have met, even the one who went full enchanter.

APPLIED MATH WITH SCIENTIFIC COMPUTING AND SCIENTIFIC MACHINE LEARNING: ZAAHEN

Apparently this major just got announced as a new attractive math thing, even though it has existed before. Zaahen is just old Aatrox, but sexy.

BIOSTATISTICS: IVERN

This is pretty much statistics but you also wanted to do biology. Ivern players are junglers who also wanted to support. Also both are useful so that's good.

BUSINESS ADMINISTRATION (LAURIER) AND COMPUTER SCIENCE (WATERLOO) DOUBLE DEGREE: VOLIBEAR

CSBBA seems rather unbalanced, and you just take a horrifyingly large selection of courses in everything just to graduate. Volibear builds anything and everything, and seems unbalanced to my silver brain.

BUSINESS ADMINISTRATION (LAURIER) AND MATHEMATICS (WATERLOO) DOUBLE DEGREE: YUUMI

My friend in math/business said League of Legends sucked, so you all get Yuumi. Also Yuumi is half doing actual things and half watching Netflix, which seems accurate to what math/business is according to what I see in my friends.

COMBINATORICS AND OPTIMIZATION: JINX

C&O seems like you spend half your degree learning the foundations before you finally take any C&O courses that are useful. Also the people seem a little unhinged. Similarly, Jinx is unhinged and spends half the game farming before she becomes a hypercarry. (Or at least a few do.)

COMPUTATIONAL MATHEMATICS: KARTHUS

Computational Mathematics seems like CS but they smell a little less horrible. Similarly, Karthus's E is a "necrotic aura that deals magic damage," but at least it does not poison like Singed does.

COMPUTER SCIENCE: SINGED

CS majors have... unique thought processes and run around crazily with a trail of smell behind them, but eventually they turn out to be useful. Singed players pretty much are the same.

COMPUTING AND FINANCIAL MANAGEMENT: ELISE

I've never met one, but other people have. According to LolRewind, I've only played with 6 Elises in the 1298 games I've played in the last two years. They both seem fine.

DATA SCIENCE: PYKE

99 percent of conversations involving data science that I've had involve a first-year classmate trying to transfer into Data Science in order to transfer to CS. Clearly not all of them will make it. Likewise, when I get filled mid, every Pyke player in support thinks that they will become the second jungler to carry. Most of them don't.

INFORMATION TECHNOLOGY MANAGEMENT: TARIC

I've never met one, and nobody from mathNEWS knew anyone in this program either. I didn't know this was a major until now, but it seems like a very good major that will be useful for a lot of companies and careers. In all my games of League for the past two years, I've never played as or with Taric. I forget his existence a lot. I'm sure the three Taric mains out there are very useful though.

Apparently the new TFT set comes out on PBE on the 18th, so maybe I will play that instead of struggling back to gold. Part 2 coming soon!

papayabird

TS SUCKS

i got sick for a week
had a nice sick person voice tho
it's gone now
:(

Usman!

TIME IS A SLOW MOVING TRAIN WRECK I REVISIT AGAINST MY WILL

LIKE STARS, PHOTOS ARE LIGHT FROM LONG AGO

late at night, sleep evades me. i ruminate, travelling well worn grooves in my mind, a stream of consciousness i've already allowed myself to wade through about a couple thousand times by now.

i wonder—do you think of me? i press down on my phone, reanimating us.¹ you laugh with me—i'm pointing at something dumb and i can hardly remember what it was, but what's important is that you thought it was dumb too. a year ago. two years ago. it feels more like a lifetime, etched into my eyelids.

i miss you. our past memories haunt me, gripping me by the throat: a summer evening where we talk past sundown, *i'll take the next train*, i say, but i don't. i miss the next one and the next one. i wish i had missed more of them. you don't move to leave either. here, you still meet my eyes, still hug me goodbye: a tilt of your head—"what is it?"

and i reply, "no, nothing." how mundane, how precious. you've always hated non-answers, but i lean back and close my eyes—this moment is not forever. it'll pass and you'll forget your annoyance, and i'll be the only one left remembering with my rose-coloured glasses.

you grumble. i snort, impossibly fond. i love you; i don't know if you know that. that's okay, that's how it should be. grumble a little more, laugh a little more. anything you want, before we part. in return, i'll give you only my best smiles: open-mouthed, dimpled. that's how i want to be remembered. i know we'll have to say goodbye soon, and when that happens, i don't want you to worry about me. i want you to see me as apple-cheeked and preserved in thick amber—a memory more than a person.

it's all in slow motion, but you're here and i'm having a good time, so i can't see anything else. in this moment, i don't see our impending separation. i know it's coming, but right now, it seems so far away. i ache to say something, but i don't know what, and this has already passed. i am only reminiscing.

please, allow me to notice the little things, like the stubble on your face or how your hair looked so different back then. i haven't worn these clothes in ages—they never fit me and i've moved onto better things. my hair brushes the tops of my shoulders; the train squeals in the background.

i know you shouldn't mourn someone right in front of you. but i tried to anyways and it didn't change anything—my grief is tenfold and i wonder if i would've been better off pretending everyone in my life is forever. i miss all the people in my memories. i miss you. i miss you.

i press my phone screen once more and wish i took more pictures. i'm stuck here. are you stuck too? do you think of me?

a never ending loop. a moment that's already passed. i look upon myself a year ago and feel jealous. was i happier in high school? late-night drives, spontaneous mall runs, eating lunch together on the floor. i cut your hair at school and you let me, leaving the evidence on the hallway floor, to the chagrin of our friends. now? i'm here, where i pull all nighters in computer labs despite it being awful for me and i wander around campus at night and i write pretentious **mathNEWS** articles instead of studying. more of a ghost than a person—something left me that summer evening and you are no longer keeping it with you. i think this is meant to be fulfilling. is it?

i don't know yet.

i miss you so much but i know it's not you² who i miss. i'm not the same person either. if you were to call me i'd look at the caller ID hesitantly and consider declining. but if this were a year ago, if only—

planet b612

1. referring to a live photo here.
2. would like to note that this is about platonic love and the 'you' here is an amalgamation of many people who i've met over the years. mainly grief about leaving behind people in university—waterloo is far and sometimes you grow out of people.

JUST CRUST

AN ELEGY FOR THE FORLORN IN IAMBIC PENTAMETER

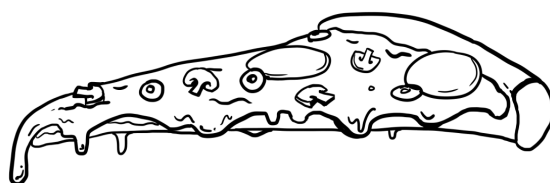
to be or not to be, that is the question
for if the dreams of many are unmet
then we must stand and raise ourselves to fight
when pizza gods say no to yes we see
there will be no sane pizza left to eat

dairy-free cheese, bruschetta, sliced tomatoes, extra tomato sauce: 9999999999

just crust: 13 -1984

we won a false war
thank you for reading my ted talk

crimson



I SUCK AT WRITING ABOUT MUSIC, LET ME RECOMMEND YOU AN ALBUM ANYWAYS

OK MAYBE THAT TITLE IS A BIT HARSH

An unfortunate thing about recommending something is that people tend to have one of two common disappointing responses to your recommendations. The first of these is when the person you're recommending to doesn't actually try your recommendation at all (the dreaded words "oh neat I'll check that out later" might get used). This is completely fair, as people get busy and sometimes are just not interested, but it's disheartening nevertheless.

The second of these is the case when there is a significant difference in perception of the thing that you're recommending. The person you're recommending to might have some completely different takeaways, associations, or level of excitement towards the thing when compared to you, and facing those differences can be quite dejecting. What you thought was an opportunity for connection instead became a point of awkwardness.

This is perfectly natural. For example, a big part of the reason why I like this album (the one I'm about to recommend) so much is because I heard some of the songs from it be used in an interesting movie¹ to great effect, which led me to look up the album later. Then, after enjoying that first listen, the album only became more iconic to me as I listened to it even more. On the other hand, finding out about an album like this for the first time through a recommendation from some rando who's far too hyped about it just doesn't hit the same.

But, miracles do happen. Sometimes, you just go into something blindly for the first time, and it ends up being just what you needed then. For example, not long ago a friend recommended the song *Heart on the Window* by Jin and Wendy, and I was so glad I decided to follow their recommendation because it hit perfectly, to the point where I had to consciously start rationing out my listens of the song in order to not get sick of it.

It is my hope that you, dear reader, will experience a similar kind of miracle today. Now, it is time for me to stop waffling and give the promised recommendation.

If you don't like spoilers of any kind then please trust me and put on the album **Hollow Me** (空洞です) by Yura Yura Teikoku (ゆるゆら帝国). If you want to at least know what to expect, then I'll say that this is a psychedelic rock album with a little bit of jazz sprinkled in and a tempo that's generally a bit on the slower end. Finally, if you want to see a more detailed overview of the album (whether it's because you want to learn about it without taking 50 minutes to listen to it or because you're itching for more after finishing it), my brief thoughts on every single song in it follow immediately after the end of this paragraph.

OHAYO MADA YARO (おはようまだやろう)

A very strong start to the album. Beautiful saxophone throughout. Feels like a great soundtrack for both a sunrise and a sunset (9/10).²

DEKINAI (できない)

After the relatively calm, slow first song, the album gets a little more energetic. Great bassline. This song has an aura of hopelessness to it, but it sure faces the horrors with a smile (8.4/10).

SWEET SURRENDER (あえて抵抗しない)

This song has some vague similarities to *Dekinai* but feels... more psychedelic? I think it's a bit less of a success but it's still quite nice (7.7/10).

TENDER ANIMALS (やさしい動物)

This song fits into the album pretty well vibes-wise so I can't give the it too low of a score, but it pales in comparison to the rest (6.5/10).

STILL ALIVE (まだ生きている)

This is a very good one, but I feel like it's on the lower boundary of iconic territory (8/10).

LISTLESS DREAM (なんとなく夢を)

A nice, slower song. Pleasant to listen to and does its job well, but is relatively long, fairly repetitive, and not too sonically interesting to me so I'm a little bit lukewarm on it after having listened to the album a bunch of times (7.5/10).

BEAUTIFUL (美しい)

Has an extremely catchy bass line. Something about it vaguely reminds me of the Home Depot beat. The song feels iconic to me (I'm likely being influenced by the song being a key part of the soundtrack of the movie that led me to this album), and there are some parts in particular in it which I find very satisfying. Finally, bonus points for the poop jokes (8.5/10).

IN THE FOREST (学校へ行ってきます)

After a very satisfying seamless transition comes *In The Forest*. This song is a spoken word monologue from the perspective of a boy walking through the forest to get to school. *There are many dangers in the forest / But I am okay*,³ he repeats several times throughout the song. Meanwhile, the instrumentals distort in the background, growing louder and more overwhelming as the song goes on. This song is an atmospheric

experience like few others, and to top it all off it culminates beautifully (9.1 but probably not something I would listen to by itself/10).⁴

LONELY SATELLITE (ひとりぼっちの人工衛星)

A simple, melancholy song about a satellite going defunct and floating away from earth. This song makes me feel for that poor satellite, especially when those satellite-like noises come on near the end. To be honest, one can draw some parallels between this song and *Listless Dream* in terms of function and structure, but I just like the subject and vibes of this song a lot more (7.8/10).

HOLLOW ME (空洞です)

The song that rewired my brain. I can't say *Hollow Me* is all that innovative, but it's an amazing end credits song and basically everything about it fits my musical taste and clings in my mind. The vocals are satisfying, the saxophone is a very welcome addition, and the bass line is iconic. This song will remain in my heart for a very long time (9.5/10).

the government's only spy

1. *Love Exposure* (愛のむきだし) (2008). I actually have very mixed thoughts on this movie but I think its soundtrack was chosen very effectively and I'd still recommend that you give the movie a watch if you have time to spare, because it's certainly an experience.
2. For reference, my rating philosophy when using a scale from 1–10 is that anything below 5 is varying degrees of bad, 5 is passable but lackluster in some ways, 7 is the first truly "good" rating given to something without significant drawbacks but maybe not having that much sauce, ratings higher than 7 are largely based on how much sauce something has, and nothing ever gets a 10.
3. 森の中は危険がいっぱい でもぼくは大丈夫
4. I am also of the camp that does not hesitate to get creative with scores a bit in cases when a 1–10 evaluation scale becomes inadequate.

METROLINX ANNOUNCES THE EGLINTON LINE WAS A DREAM ALL ALONG



Dick Smithers

“HOW TO BECOME THE BEST VERSION OF YOURSELF”

A DISCUSSION OF ONE-SIDED EXCHANGES

There are a lot of things that appear to be in balance, but upon closer inspection, are very, very lopsided. An illustrative example is advice: there are a lot more people actively giving advice than there are actively seeking it.

This is exaggerated further when looking at self-discovery advice. You've probably met someone who's published an article saying "How to Become the Best Version of Yourself," in which they attempt to share their personal progress with others.¹ There are millions of these articles online, yet nobody has ever googled "How to Become the Best Version of Myself."²

This is a clear example of a one-sided exchange, where one group is forever sharing information with another group that simply does not care. You might think this is obvious, but to those involved, it never is. Take corporate marketing, for example. For every one advertisement that is actually clever and reaches a wide audience, there are literally thousands of uncreative, self-glazing corporate campaigns with no substance beyond a slightly reworded slogan. It's not uncommon for business advertisements or demos to never achieve double-digit impressions, and it's even less common for the executives in charge of those productions to take a single real step towards improvement.

The problem is, when we ourselves begin one side of an information exchange, we often forget to take a quick step back to check if there's anyone listening on the other side.



A game developer who spends two years making a game only for it to flop on release will claim that people simply have bad taste, and go on to make a dozen equally tasteless sequels.

A trillion dollar company who spends all their yearly profit on a singular bet within a singular trend will be certain they are making the right play, despite the only certainty being that such a big bet will pop the bubble they're trying to ride.

A writer for a student publication, even, is not immune to this phenomenon. They could write fifty articles about whatever garbage crosses their mind, and upon learning they never had a single conscious reader, will inevitably claim the role of tortured genius, and start pumping out articles faster and faster, not looking back for a second.³

no pun indented

1. Me
2. Except me, probably
3. Probably not me

profQUOTES

CHEM 333: EVGENIY PANZHINSKIY

- “When someone asks you how your day was, always say “bad,” and then one day say “good” and they’ll go, “Wow, things are improving!”

CO 456: DAVID JAO

- “Having two-thirds of an action figure is not too useful for a little kid.

CS 135: ROBERT GARBARY

- “F this, this is worthless.
- “Shit just got a lot more complicated, and for what?

CS 145: TROY VASIGA

- “You’re not third, you’re second... this is just like when someone gets killed in the royal family.
- “In your imaginary drug-induced land, yeah, that makes sense!
- “And this is perfect for computer scientists, because you are lazy.
- “For those who do not know, that is the physical activities complex. Most of you have never done anything physical.
- “Lambda calculus is a thing approaching 100 years old. So am I.
- “That might be a question on the final exam. Does Troy like C++?
- “It’ll be one question, true or false. “Does Troy like C++?” I’ll make it 100% of the grade.
- “And if you see x in there, then you either need less drugs in the morning, glasses, or both.
- “This will take some time to get. I encourage you to take some liquid. That liquid could have a percentage sign on it. Or even some milligrams on it. I’m not endorsing anything.
- “No, no, no, don’t be sorry! You’re Canadian, that I know, but...

CS 241E: ONDREJ LHOTAK

- “Despite the sad faces, this is what people do, so we’re going to do it anyway, even though it’s kind of sad.
- “You know, you can’t go back in time. Unfortunate aspect of how time works.

- “The algorithm is so inefficient, it’s not even exponential: it’s infinite.

- “This will probably confuse more than help, so don’t listen to this part if you don’t want to be confused.

CS 246E: BRAD LUSHMAN

- “At first this might seem like an unremarkable piece of code. But in fact, this is a... remarkable piece of code.
- “Problem 23 is called... “I’m Leaking!.” Don’t tell me that, tell your doctor that.
- “Ponds don’t make ducks; ducks make ducks.
- “Ever tried reading documentation for g++? It’s impossible.

CS 341: TREVOR BROWN

- “You’re gonna learn by osmosis.
- “Here is our large boy.

CS 343: PETER BUHR

- “When you wake up at 3 in the morning and when you are in your shower, those are the two most important times in your life for solving problems.
- “You’re probably sitting there being like “He just wants to torture us!” Well... maybe yes.
- “You’re about to plot the 7 on the graph... I come in and plot 6.

CS 350: KEVIN LANCTOT

- “Whenever something doesn’t work anymore (except humans), I crack it open and take a look at how it works.
- “I tried making it easier, and I failed miserably.

CS 454: SAMER AL-KISWANY

- “This is the bully algorithm. Here, the highest ip address bullies the others into submission.
- “It’ll do this 6–7 times. 6 7! *[Does the hand actions]* The worst thing about this is that I have a 5 year old, She’s learning about these kind of things.

CS 466: SEPEHR ASSADI

- “Usually in this problem statement you have T experts who will tell you the price of the stock market on N days. Out of principle, I won’t use that. It’s a stupid example. We’re not here to make money.

ECON 101: MIKAL SKUTERUD

- “ She can’t have a better car than me, I’m better than her!
- “ If you want to be good at negotiating, you have to use threats.
- “ I’m the government. I can do whatever I want.
- “ There’s a jail cell! In the basement there’s two jail cells!
- “ And the politician says: “Oh, wow! I really like steak!”
- “ When you watch Carney’s budget in... *[checks watch]* 42 minutes...
- “ I said I’d spent 15 minutes and I spent... an hour.
- “ Some people are good at everything, and some people suck at everything.
- “ It is very much possible to make the world a better place, even if you suck at everything.
- “ You’re ten years old, you should know what comparative advantage is.

MATH 137: ANILA YADAVALLI

- “ Clearly, we know... just by obviousness.

MATH 137: LAINDON BURNETT

- “ That’s a long spinny, one of the longest spinnies I’ve seen.
- “ This spinning wheel is going to be the death of me.
- “ Do the problem in the course notes with Gru stealing the moon. A sentence I never thought I’d say.
- “ *[Using the circle tool]* Oh yea, perfect circle. I’m Michelangelo.
- “ Speaking of minima, we are at a global minimum for people in this class.
- “ Alright, lets apply PCCEISC.
- “ Are we locked in? Or geeked out?
- “ OK, whereth are we...
- “ Continuous means your function can’t troll you in that way.

MATH 145: JERRY WANG

- “ That’s skill issue. Not my issue.
- “ And that’s why 4 divides 8.

MATH 145: DAVID JAO

- “ Because I hate you? No.
- “ Imagine if the Pythagorean theorem was called the Greek triangle theorem.
- “ I’m not actually that woke.
- “ I’m sure ChatGPT, in its training data, includes ancient Chinese literature.
- “ $\log(\log(n))$ is unbounded, but in practice, it’s never more than 6.
- “ Infinity Nikki.
- “ What, do you expect me to play Roblox or something?
- “ I don’t try to achieve a bell curve, it just happens naturally.
- “ It’s like playing math in hard mode.

MATH 147: BLAKE MADILL

- “ We give no fs.
- “ You can’t just be a proof monkey, knowing all the proofs and not knowing the computations. *[followed by]* Here’s some numerical stuff I don’t want to touch AT ALL.
- “ Remembrance Day is my wife’s birthday. Lest I forget.
- “ I didn’t do calculus in high school because it didn’t exist... I went to school with Newton.
- “ The enrolment for this class officially hit 67.
- “ You’ve found the derivative of a ghost.
- “ Anything’s a topological space if you put a topology on it.
- “ So we have 1200cm^2 of material... *[student: what is the domain of c and m?]*
- “ I am quite thirsty though, I might need one of those cylindrical tanks. You might call it a cup!
- “ If you forget calculus on your calculus exam, you’re, uhh, not going to do good.
- “ Everything is a consequence of the MVT.
- “ My abuse of the chain rule is correct.
- “ In 137, they throw rocks at you if you don’t put LH above the equals sign.
- “ So naturally, I went to ChatGPT. *[ChatGPT: Assume a duck is a perfect hemisphere.]*

MATH 247: FAISAL AL-FAISAL

“ In some textbooks—not good textbooks, but some textbooks—

MATH 249: STEPHEN MELCZER

“ If you want, you can try, solve some inequalities, and then give up.

MUSIC 246: SIMON WOOD

“ Bernard Herrmann. Bernie to his friends, not that he had many.

PHYS 121: RICHARD EPP

“ And so you're dead.

“ So you know a cat, when you drop it upsi- no one does that, right?

PMATH 440: MICHAEL RUBINSTEIN

“ It's kinda like stretching at the gym, not that I know anymore.

“ Never write $\zeta(z)$: you'll offend all the old people.

“ Don't worry about convergence.. or justifying.

“ I've confessed to too many driving violations in this class.

“ This is a recap of season 1, which was Tuesday.

“ I don't want to use x but I don't want to not use x .

“ Gemini actually listened to me... ChatGPT went and did its own thing and made its own course in analytic number theory.

“ Important! 4 is bigger than 3. *[on blackboard: Important: $4 > 3$]*

PMATH 446: BEN WEBSTER

“ This theorem has a third leg: it's like a stool or a very unfortunate dog.

PMATH 453: MICHAEL BRANNAN

“ *[On Monday]* Tomorrow being Wednesday, I guess.

PMATH 965: RUXANDRA MORARU

“ I don't want to spend two weeks dotting every t . Oh! Dotting every t , that's interesting.

“ Don't spend your time thinking about this problem until you have a permanent job. I'm kidding, but I'm actually not. Sometimes you need to hold off until you get tenure.

PURE MATH COLLOQUIUM: JOEL KAMNITZER (MCGILL)

“ I'm glad to be back here, especially in this room, where I once spent a night. Let U be a vector space...

STAT 230: GREG RICE

“ Maybe it's good for me to suffer doing computations sometimes. Do you agree? Or have I suffered enough?

“ Whenever I have to do math in front of people I'm like... why did I chose this job?

STAT 231: MICHAEL WALLACE

“ We are only limited by the number of integers.

STAT 433: JEFFREY NEGREA

“ We can think of probability distributions as piles of dirt.

STAT 901: YI SHEN

“ I have a very rebellious whiteboard.

PROOF THAT $\mathbb{R}$ IS A FIELD

Take an apple and drop it. It will accelerate at $-9.8 \frac{m}{s^2}$ according to Newtonian mechanics. However, in the first lecture of PHYS 121, Professor Epp said that in relativity, a falling object actually has an acceleration of 0 (and the floor actually accelerates up or something like that). Hence, we have the identity $-9.8 = 0$. Great. But remember, for two objects, we have $F_g = \frac{GMm}{r^2}$, so we can make any arbitrary negative acceleration (keeping the same coordinate system), so all negative reals are 0. From the other object's perspective, they are also accelerating in the opposite direction, so all positive reals are also 0. Therefore, we have $\mathbb{R} = \{0\}$.

Now, observe that $\{0\}$ is a ring (the trivial ring). We say a ring R is a field iff $R^\times = R \setminus \{0\}$ (thanks MATH 145). Now, since units are non-zero, but everything in $\mathbb{R}$ is 0, we have $\mathbb{R}^\times = \emptyset$. Also, $\mathbb{R} \setminus \{0\} = \emptyset$, as desired. ■

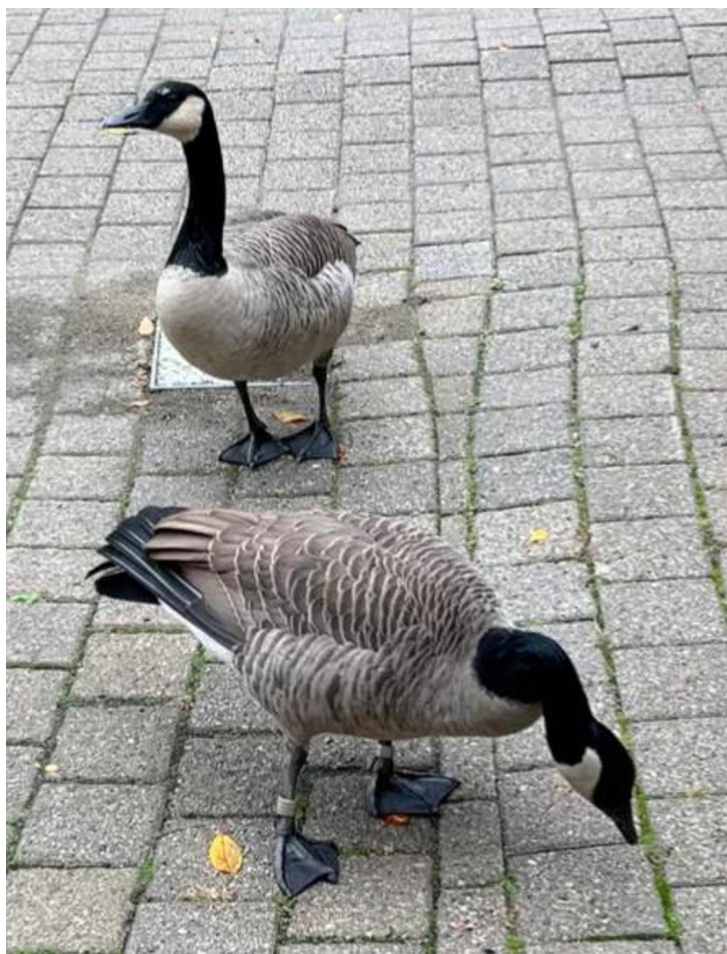
RedUmbreon

My brain, it's just... gone.

PROF. MARK GIESBRECHT

STRANGELY WISE-LOOKING GEESE (NOT) IN YOUR AREA

BEHOLD THINE BROWS AND LO! THEIR EYES ARE DOWN THERE.



EYEBROWS (TOP LEFT) WITH HIS PARTNER (BOTTOM RIGHT). Picture taken from outside the southern PHYS entrance, under the Rowan tree.

Behold, a goose with eyebrows—don't they look strangely wise!

Have you ever thought that some of these geese could be older than you?

The oldest recorded Canada goose was about 33 years old.¹ Generally they will live to be 15–25 years old, and Waterloo itself is host to a great many of elder geese.

If you want to find out if you're older than a goose, then stop by a flock and take a gander at their iron rings. Plug the number on it to an online database to learn of their history, and—most importantly—date of which the ring was bestowed upon them. Occasionally you might find a goose with double the bands—this is because they're double the engineer you will ever be.

For instance, there was a goose (pictured above) who had some great eyebrows. He did not undergo the iron ring ceremony.

Strangely enough, he's been recorded in the UWaterloo subreddit. If you take a gander and google “uwaterloo eyebrow goose site:www.reddit.com,” you'll find that he's been pictured quite a few times, as far back as 8 years ago.² Eyebrows lacks bands whilst his partner has 2 of them. They stay around the grass patches about PHYS and ESC. Earlier this year, his partner made a nest atop PHYS while he stood guard—which is why I assume his gender to be male.

Ganders will stand guard around nests, but will rarely ever brood over eggs—there has been one recorded case (if I recall correctly), but it tends to happen when the goose has either perished or abandoned their eggs (and I'm having trouble finding the source for it again).³

Regardless, Eyebrows is a surprisingly good parent and often collects goslings to raise alongside his own.

I hope he decides to migrate back to Waterloo.

TotallyNotAGoose

1. “Summary of Ringing Totals: BTO—British Trust for Ornithology.” BTO, app.bto.org/ring/countyrec/results2023/longevity.htm.
2. https://www.reddit.com/r/uwaterloo/comments/5yb2uf/eyebrow_goose_found_a_gf/
3. Collias, N. E., & Jahn, L. R. (1959). Social Behavior and Breeding Success in Canada Geese (*Branta canadensis*) Confined under Semi-Natural Conditions. *The Auk*, 76(4), 478–509. <https://doi.org/10.2307/4082315>

*There are quite a few eyebrowed geese about. It's a phenotypic trait of the Canada goose subspecies, *Branta canadensis maxima* and of *moffitti*, but Eyebrow's brows are of a very good resolution. Those other eyebrowed geese are just as honktastic though.

**Also don't go picking up geese, that's illegal

TELL PEOPLE WHEN YOU LIKE THE THINGS THEY MAKE

i dare you

normalparameters

especially if they put a lot of time into it. don't keep that in your head. if you like it, i promise you they want to know! they can't read your mind!

HE WAS PREPARED FOR THIS

A TRUE STORY ABOUT AN UNTRUE STORY

He was *prepared* for this. Perhaps they all were.

The Sage had a plan. He was trained for this. The most powerful Demons routinely invade the most elite towns, those towns full of Demon-finding experts. And the Sage was one of the finest, whose strategy was simple: trick the Demon into killing him, learn who was hosting it, and spill the beans next morning. After all, humans vastly outnumber Demons, so an eight-for-one sacrifice should benefit humanity, right? And when demonic presence allows the dead to communicate with the living, why not take advantage of it?

And then the thunderstorm came, and then the first death. *There it is*, thought the Sage. *The battle begins.* He briefly thought about what to declare. *I need something to scare this Demon, something to make it kill me.* He thought about a few options, and then settled on divination: he would publicly proclaim five people's true natures, and that night, divine how many were correct. This was such a well-known ability that, the day after the invasion, nearly everyone pretended to have this power. But the Sage was different. He took notes. He didn't just throw five arbitrary guesses into the air; he made educated guesses, reading off his notebook of guesses that he made during the day. He wanted the Demon, whoever it was, to take note of him.

Fear gripped the eight, as was to be expected. They started accusing each other, hoping for a suspect to emerge. Eventually, they voted to burn someone at the stake. The Sage was relieved that it wasn't him. He wasn't afraid. He knew how this process worked, how the regular slaughter of innocent, but suspected, townsfolk was the only way to make progress. His training taught him to focus on the big picture. To him, and to the other seven members of the circle, this was simply a reaction, a possibly mistaken act of self-defense.

Night fell, and the seven slept in their tents. No one except the Demon itself was *truly* afraid of death; they all knew they were like soldiers on a battlefield, committed to fight to the bitter end. The Sage stayed up, as if pleading the Demon to attack him and thus "ruin" the "divination" he was pretending to complete tonight.

Day broke, and the Sage was still alive. *Uh oh*, he thought. Predictably, a different member of the town had perished in the night. What caught the Sage's attention was the bolt of energy that immediately emanated from the dead clock-maker's corpse. It focused in the air for a few moments before landing on suspect number three. *Okay*, the Sage thought. *So either that's an illusion, or #3 is good.* But the Sage had another problem. How many "guesses" did he get "right?" He decided on a low number, hoping to seem reasonable and *maybe* get killed later.

But it was no use. After the circle voted to kill off the snake charmer (a preventative measure, as this snake charmer could swap bodies with the Demon), the town woke up... and no one died. They then voted out the Demon's sidekick (not realizing this at the time), but still, the Sage woke up alive. At this point, with only three members left, the Sage revealed their plan. The town discussed their final kill, and people were deciding between the true Demon and the Sage himself. The dead Savant, whose tent neighboured the Sage's, defended the Sage, while the rest of town scrambled to use the information they had gathered to figure out who the Demon was. Finally, they found a mostly consistent theory, accusing the Sage and Savant, and when the Savant continued to protest, the circle zeroed in on the Sage. "This is just a self-fulfilling prophecy," protested the Sage, but it was no use. The Sage was almost unanimously voted to be killed, and the Demon escaped alive.

thelast19digitsofpi

RANKING EVERY MITSKI ALBUM

THE OBJECTIVE TRUTH

I have been listening to Mitski while studying for midterms. Here is a ranking of her albums so you can know what opinion to have.

#7 THE LAND IS INHOSPITABLE AND SO ARE WE

Sadly I have to put *The Land* as my least favourite Mitski album. What cements its place here is the lack of memorability and same-ness compared to her other works. Still, *The Land* is probably her most successful project, and has Mitski's most popular single "My Love Mine All Mine." So what do I know.

Favourite song: "The Deal"

#6 LAUREL HELL

Laurel Hell to me is a fun album. Coming off the back of *Be the Cowboy*, it is still pop-y. For how many songs I frequently listen to off *Laurel Hell*, this is low. That being said, it lacks the depth of any other one of Mitski's projects.

Favourite song: "Should've Been Me"

#5 LUSH

Mitski's debut is no doubt her most raw sound. There are great songs on this album and it shows flashes of her later, more developed and better albums. I also think it's her

worst-produced project. That being said, it's crazy how much of a more mature sound it can have for a debut.

Favourite song: "Real Men"

#4 RETIRED FROM SAD, NEW CAREER IN BUSINESS

Every song off here feels huge, which is actually not surprising since I just found out that she used an orchestra for all the instrumentals. However, some of the songs off *Retired from Sad* are forgettable, and since the entire album is orchestral, she is almost restricted to a certain sound.

Favourite song: "Strawberry Blonde"

#3 BE THE COWBOY

Be the Cowboy marked Mitski's departure from versatile indie-rock to pianos and synth-pop. Like any Mitski album, it still plays between genres, but I personally find it much simpler than any previous album. It features great stories and catchy hooks. However, I place it here because it's less hard-hitting than some other albums and because I am not a huge fan of pop.

Favourite song: "Washing Machine Heart"

#2 PUBERTY 2

I am not sure what happened to Mitski between 2014–2016, but she must have been going through it. *Puberty 2* builds off of *Bury Me at Makeout Creek* and turns up the versatility. Through this album she plays on so many genres and tonal shifts it's pretty insane. This could easily be #1 if *Bury Me* wasn't a masterpiece.

Favourite song: "I Bet on Losing Dogs"

#1 BURY ME AT MAKEOUT CREEK

To me this is undoubtedly her magnum opus. This album is able to capture some of the rawest, most vulnerable emotions I have ever heard in music. In addition, it features her best writing and incredible composition. *Bury Me* had me buying vinyl before I had a record player.

Favourite song: "Francis Forever" (But actually all of them)

Tim

WHAT IS RESTORATIVE JUSTICE?

Restorative justice is a novel approach to criminal justice reform pioneered here in Waterloo Region decades ago [*Editor's note: We were unable to source this claim*]. It originated in Elmira after two drunken teenagers rampaged neighbourhoods, smashing windows, overturning gardens, and damaging cars. Instead of the traditional method of giving them a criminal record and potentially locking them up, the young adults were offered the choice of meeting with those whose property they destroyed and obtaining funds to pay for their transgressions.

At the time this was never done before, yet their victims consented to meet with them in order to obtain closure and understand where they came from. Since then restorative justice has been widely implemented and found to reduce the likelihood of offenders transgressing again. This is called the recidivism rate. Restorative justice is also enormously beneficial to municipal and provincial budgets since it diverts those who would fill jails and prisons into productive fulfilling activities.

Why haven't you likely heard of it? It is an underappreciated aspect of the modern criminal justice system that gets few headlines. It has been found to be more suitable for minor offenses, rather than major transgressions. In an age when politicians tout their law and order credentials, with Tough on Crime legislation that increases penalties and prison rosters, restorative justice is overlooked yet is transformative in its nature. It provides a safety net to catch those who fall early on so that they can engage in introspection and empathise with those they have hurt. This is actually difficult to do. Facing

those whose lives the offenders affected and owning up to their wrongdoing in front of them is actually more courageous and mature than being locked up in jail.

Restorative justice today is mostly the same as it was when introduced in Waterloo Region. However we can innovate the Waterloo way and think of novel approaches to apply its principles. Just like there are Big Brothers and Big Sisters programs for those without a guardian around, why not have a mentorship program for those on the margins of the law? There could be volunteers who proactively identify candidates for mentoring and, with their approval, take the time to conduct activities with them. Volunteers could also find opportunities in the community for offenders accepting mentorship and place them in apprenticeship programs. Candidates for mentorship can be proactively identified through courthouses, detention facilities, and secondary school programs. This quickly finds at-risk individuals in order to turn their lives around, rather than waiting for the justice system to engage with them in a reactive fashion.

This evolution of restorative justice should be implemented as part of an experiment and potentially tweaked in order to assess its efficacy and potential. In an age when the conventional nuclear family unit has, to some degree, been supplanted, community supports and guidance can fill in gaps in emotional and social development traditionally provided by guardians. We can yet again pioneer such a novel approach right here in Waterloo!

TLC

THIS YEAR'S WORLD SERIES FROM A NEUTRAL FAN'S PERSPECTIVE

YES IT'S GONNA BE A WHILE AGO WHEN THIS IS OUT BUT LEMME TALK ABOUT IT

"AND FOR THE FIRST TIME IN OVER 30 YEARS, THE WORLD CHAMPIONSHIP BANNER WILL ONCE AGAIN FLY NORTH OF THE BORDER" is what we might've heard from the broadcast if the Blue Jays won Game 7. Unfortunately, like every sports team here, they let a winner-take-all game slip away.

This year's World Series was one of the biggest for the country. As the so-called "Canada's Team" reached the World Series for the first time in over thirty years and third time overall, they came across one of the most daunting opponents ever. Coming off a huge Game 7 comeback win in the ALCS, the Blue Jays became David in facing baseball's Goliath, the Los Angeles Dodgers. Putting up a valiant fight, Goliath unfortunately came out on top in the most heartbreaking way imaginable. With a home run from the bottom of the Dodger lineup to tie it with two outs left, and a home run by catcher Will Smith to take the lead in the eleventh for LA to take a lead they would not relinquish, this loss could not have been more painful and crushing for the Toronto faithful.

However, I didn't feel any of the pain. In fact I felt joy. Despite being from Canada, I didn't feel sad about the Jays loss (Bo and Vladdy, I feel for them though). Coming from Vancouver, I'm a fan of the team closer to me, which is coincidentally the very team that the Jays beat to make the World Series. As a Mariners fan, I caught a ton of flack throughout the ALCS but especially after. It's fine. No one can ever hurt me about that seventh inning. The M's went the furthest they have ever gone in the postseason and no one can ever hurt me because of that. And while, yes, I feel a sense of schadenfreude and retribution seeing all the Jays fans here that mocked me depressed over this (I had some of the most successful and fun ragebaiting of my life after the Jays lost), my joy from this series comes less from the that and more from just how spectacular this it was, of which I have some notes about that I want to put out there.

I want to preface before I get into my points that, while I wasn't cheering for the Jays, I was NOT cheering for the Dodgers. In fact fuck the Dodgers, fuck the ump's, and fuck the lack of a salary cap (and floor).

Firstly, every Jays fan should feel happy about this team, not just for the season the Jays put up to get here but the result of the World Series as well. Coming into this, the series was expected to have been massively in the Dodgers' favour, and yet the Jays managed to have control of destiny for most of it and take it to the full seven games. David nearly beat Goliath. That should be celebrated, even if it didn't end in victory.

Next, we need to address just how amazing this series was from Every. Single. Angle. This series was just so entertaining, purely just from the storylines and drama coming into this series. From guaranteed Hall-of-Famer Clayton Kershaw winning a ring in his last ever season, to

Ernie Clement and Trey Yesavage's record breaking postseason performances, to the looming free agency of Bo Bichette and the future of him with the franchise, this series had everything on the line for every player. Not to mention just how star-studded this series was. This was a series packed with lineups of future hall-of-famers and we need to recognize just how lucky we are to see this one-of-a-kind World Series.

That's not to mention the amazing baseball at hand. The games were amazing, notably Games 3 and 7, which were some of the best games of baseball I have ever witnessed. Note that we were blessed with the opportunity to watch a full SEVEN games of the World Series, and have an ending with the grandest of flourishes with extra inning baseball. This series was back-and-forth at every turn, down to the last out. You couldn't say that about the last two years, which were five game snoozefests that felt practically over by the second game (which btw one thing to remember for Jays fans, the Yanks lost to the Dodgers in five last year while squandering a four run lead in Game 5, so as such Jays >>> Yanks).

I think regardless of where you come from this, Jays, Dodgers (god forbid), or neither; hardcore, bandwagon, or newbie, I think we should all appreciate that we were all here to witness an incredible World Series that will surely become a classic to be brought up for years to come.

fingersinsockets

CURRENT GRAD SCHOOL APPLICATION STATUS

I recently found this one guy when looking for places to apply for grad school. The fact that his email starts with "cstar" and his research is in C^* -algebras (pronounced "c star algebras") is pretty amusing to me.

It reminds me of many other coincidences. For example, some guy named Riemann happened to study Riemann surfaces. You may have also heard of Galois, who studied Galois theory, and of course, Banach just happened to study Banach spaces. Pretty strange coincidences if you ask me.

easty

I want to defeat you.

PROF. JASON BELL

REREADING AND CRITIQUING MY BRIDGE EROTICA

IF YOU'RE CONFUSED WHAT I'M TALKING ABOUT, GO FIGURE IT OUT YOURSELF

- did not specify M3/MC was sitting in the first scene whoops
- should have described more details about DC's back tbh, missed opportunity
- why are we checking out M3 when you're in the clouds like wtf??? maybe this is just me bc i'm an anxious bitch but come on and focus, not fuck
- i need to show not tell more, like show me how they're comfortable in each other's presence?
- ngl walking for 10 minutes with your head tilted sounds uncomfortable, this isn't so bad since her head only reaches his upper arm but still hard to walk in tandem... anything for the physical touch and comfort i guess
- i use supple a little too much here but i guess supple is nice
- how did we get from a warm hug and forehead pecks to fucking sensual neck kisses so fast (but also i want that, okay maybe i am getting into it)
- i mean in general, M3/MC was literally crashing out about being dead and a couple minutes later she's just horny???? girl please process your emotions (but also i guess this is a good distraction and i'm saying this like i haven't hooked up with people when crashing out but like it's not a good idea man)
- i think we don't have enough kissing but like what am i supposed to say about kissing for a whole page?? i guess this was built for **mathNEWS** so i was focused on being concise but still
- why did i make M3 smell like coconut, i can't picture this. like maybe like a lemon tart or a simple scent but nothing tropical
- too much detail, like i do not care about the tongue tracing
- sometimes the hand placement is weird? like idk DC is doing too much kissing her stomach, then her lips, yet caressing her breast the whole time? like pick a focus buddy
- i need more sensation!! more passion, more passion, more energy, more footwork!
- slightly unrelated but i should write more erotica with diverse body types because all bodies are hot and the way i describe them are like close to the convention of attractiveness but not exact, which is like a bit annoying when i said i was going for realism. two essentially conventionally attractive people fucking is not serving realism for everyone
- maybe it's the anhedonia talking but i literally cannot get into the sex scenes, just not hitting rn
- i know M3/MC is supposed to have auburn hair but i can't imagine this i'm sorry, same thing with DC's silver hair ngl
- god respectfully i hate reading about her nipples, this writing is so methodical and i know i intentionally did that but yuck, like it's hard to focus on the general feeling that way
- i think part of the reason why it's so physical is because that's kinda how i saw sex at the time but of course it's very significant outside of the actual actions performed and erotica is supposed to invoke that feeling
- ngl they had clothes on for a bit too long, let's just feel each others' nakedness man
- also unrelated but so many fanfics have the exposition, rising action and climax when sex is not necessarily like that, so this mildly irks me in the story but it makes contextual sense why it's like this, this was spontaneous so it kinda has to build up to this
- a bit too much implied consent happening here, please ask before rubbing certain areas
- the nicknames kinda bother me but who's saying someone full government name when chatting with them... the nicknames are endearing! bit confusing too but it's sensible
- the fact people have read this aloud makes me so embarrassed like omg wtf pick a better erotica next time
- honestly rereading makes me anxious about one friendship turning into more when it certainly won't happen and i don't want it to???? love me my intrusive thoughts
- chat i don't have anyone to recreate this with me :/ someone hmu or i will be opening tinder again (and that's a bad idea)

Dollar Store Person

MYCELIUMOBILE BE LIKE



Shroom shroom

OBJECTIVELY CORRECT VEGETABLE TIER LIST

NO CRITICISM WILL BE ACCEPTED

S	 GARLIC	 GINGER	 GREEN BEANS	 POTATO	 TOMATO
A	 WHITE ONION	 MUSHROOMS	 ASPARAGUS	 CORN	
B	 GREEN ONION	 CARROTS	 BEET	 PEAS	 BELL PEPPER
C	 CUCUMBER	 SPINACH	 BROCCOLI	 CILANTRO	
D	 BRUSSEL SPROUTS	 LETTUCE	 CELERY	 PARSLEY	
F	 RED	 ZUCCHINI			

yalevoylian

TWENTY ONE PILOTS WORD SEARCH!!

FIND MY TOP 5 FAVOURITE SONGS FROM THE
BREACH ALBUM

z d a t e j w s n x k i e r s
y s v k h z i v v d l r v s t
v x s o o e j a h l t a q p s
w d w q z n c o a x q v o w s
j v j m d f e o g n m q h l q
v g r c l x v w n y g y l a e
q y a l i d l u a t t a o o j
h z w g s t w b t y r l x m w
a s f n b l y j o a i a e i l
l f e c x b p w g d l u c j v
n t a m h i a e a o n l i t j
h e r q t z y x e l i k y b w
e s p x s t f w v r l u t q i
g f r t p y l t i x z s h c k
o w q j l q v v e x r g f y k

leah

ONE MONTH ON T

OBJECTIVELY A HILARIOUS STATE FOR A PERSON
TO BE IN

HRT is not, in fact, magic. One month on hormones produces basically no visible changes—externally, I still look like a cis woman—but I feel like a zoo animal. It's like those guys with sleeper build cars, where they'll have a V8 sitting in a Beetle or something crazy like that.

The main thing I've noticed is that I'm warm. I'm SO WARM. ALL THE TIME. Unfortunately, I was already temperature-sensitive beforehand, because I have autism and POTS, but this is like a whole new level of hell. It's obviously worth it for the eventual results, but holy shit. I'm so uncomfortable. I can't even use the dysphoria hoodie strategy to hide my chest anymore. Look at what they took from us! (← guy who was warned this would happen).

I was told I would be oily, which I thankfully seem to have escaped for now. I don't know if it just hasn't hit yet, or if my skincare routine is actually doing something. Maybe I was spared this because God knew I was already his bravest, warmest soldier.

One thing literally no one told me about, including the doctor, was bottom growth. I've poked around Reddit since I started T, and this seems to be the norm for most of us, so it's insane that I didn't know it, but that shit starts, like, immediately. Sidenote: the gel packets I use come with a warning to not apply the stuff to your "genital area"—are any of you guys actually doing that???? Don't do that.

My voice has dropped, but not enough to be noticeable. I realize most of my friends see me every day, so they won't notice the gradual change anyway.

The other thing that has changed the most is my psyche. At all times, I feel like a scared horse foaming at the mouth. It's not really true that you get angrier on T—I know guys who have been able to cry more while on it, in fact. I think it's just generally true that as you get on hormones, you dissociate less and hence feel less numb. I think what's happening is that T is giving me excess energy that my body is pumping directly into my fight-or-flight reflex. Maybe if I start eating oats and apples, this will help? I'll update at the two month mark and tell y'all if applemaxxing is worth it.

scaredhorse

**Fear my meek coding
skills.**

JEFF AVERY

MY OPINION ON US NAVY SHIP NAMING CONVENTIONS

AIRCRAFT CARRIERS: PRESIDENTS

Makes sense I guess, but kinda boring.

AMPHIBIOUS ASSAULT SHIPS: LEGACY NAMES OF EARLY SAILING SHIPS/CARRIERS

I mean, I guess it kinda makes sense cuz they're kinda like Aircraft Carriers Lite?

AMPHIBIOUS COMMAND SHIPS: US MOUNTAIN RANGES

Cool. Goes hard. Makes sense for command ships. Usually ends up being two words though which is kinda annoying.

AMPHIBIOUS TRANSPORT DOCKS: US CITIES

Idk I feel like cities are such an obvious thing to name ships after that like... why *amphibious transport docks*? Like if you asked someone to guess what class of ships are named after cities, they're not even gonna know what an amphibious transport dock is.

AUXILIARY FLOATING DRYDOCKS: US TOWNS WITH NUCLEAR GENERATORS OR NUCLEAR RESEARCH FACILITIES

Cool af!!!

OHIO-CLASS SUBMARINES: STATES

Yep. Makes sense.

COLUMBIA-CLASS SUBMARINES: ???

Well there's only three of them and there does not seem to be any kind of convention.

DOCK LANDING SHIPS: IMPORTANT CITIES IN US NAVAL HISTORY

Same as LPDs, but yeah I guess it makes sense that they're named after similar things.

DRY CARGO SHIPS: US EXPLORERS, PIONEERS, ACTIVISTS, AND US NAVAL OFFICERS

Cool!

EXPEDITIONARY FAST TRANSPORTS: US CITIES

No additional commentary.

EXPEDITIONARY TRANSFER DOCKS AND EXPEDITIONARY MOBILE BASES: US MARINE CORPS HEROES

Cool and makes sense.

LOS ANGELES-CLASS SUBMARINES: US CITIES

Ummmmmm okay? I don't like that.

SEAWOLF-CLASS SUBMARINES: ???

Same as Columbia-Class, only 3 of them, no convention.

VIRGINIA-CLASS: STATES

Okay that makes sense but actually it doesn't make sense that different classes of the same type of submarine are named different things, and then some classes of different types of submarines are named the same things. It's confusing.

I can't be bothered to continue this article anymore that's all you're getting from me. Also Nimitz is just a really cool name.

RapidEyeMovement

BULLET HELL

THESE CURTAINS ARE TRULY ON FIRE!

There is something quite mesmerizing about dodging thousands and thousands of bullets. Bullet hell, or danmaku (literally "barrage"/"bullet curtain") typically refers to a subgenre of shoot-'em-up video games, with a focus on dodging countless projectiles. Well-known video games that defined this genre include those in the *Touhou Project* series, those in the *DonPachi* series, and *Ikaruga*.

While its high difficulty keeps the genre niche, the concept of "dodging and weaving through numerous hazards" has shown usage within many other genres, like turn-based RPGs and action RPGs. At its core, it reaches the extremes of the gameplay goal "avoid danger," making it versatile in its applicability.

One really cool gameplay design in the bullet hell genre is the "bullet pattern," which can be summarized as just how the bullets are arranged. But there's so much more to what a bullet pattern is. The trajectories, the colors, the shapes, the behaviors, the symbolism, the story, they're like elaborate fireworks or mesmerizing drone shows, but also you're liable to get burnt to a crisp at every second. They're interactive art pieces, but they interact by killing you. They can enact a story, but your adrenaline and flow play irreplaceable roles in the entire show. With some creative effort, they can be one of the pinnacles of ludonarrative resonance, the ultimate combination of symbolism and challenge.

There's a reason the *Touhou Project* series features side-entries about taking photos of pretty bullet patterns (without getting hit, obviously).

FAMILIAL SEEDS

A tangerine by the window,
Sitting strange in your eyes.
The texture of skin and calloused hands,
Waiting by your bedroom blind.

Long ago, the orange of the sun, dawned
on that cheap citrus tree, heavy
in that lonesome backyard,
bearing fruit and nearing labor,
Dreaming for the day
to rise from the dirt.

The oil staining your hands, I
taint your eyes, carve
your fingerprints,
suffocate clothes, bedsheets, childhood closets.
The scent of orange
in every fireplace photo frame,
painting everything in
decade past afternoon sunlight,
begging you to come home, to come home,
to come home.

So unravel my face, peel off this charade,
Find the truth of that May, of
this tangerine, far too old,
the stringy bits, boiled by
the long summer days
I toiled in that yard.
The bees, the trees, the breeze,
slipping through my fingers
As I, tried to catch
the dappled sunlight
For you.

And what is love if not fallen orange leaves
The scent of rotting tangerines,
A still empty compost bin
Waiting for you
— I'd cry if I could —
It's never too late
To come home, so come home, so
Come home.

asta

EXERCISING MY POWER AS A WRITER TO GREET UNSUSPECTING READER

hi argwon!

Whole Number Haver

N COURT CASES YOU SHOULD READ BECAUSE THEY'RE HILARIOUS

- R. v. Duncan, 2013 ONCJ 160: Nowhere is Justice O'Donnel's unique writing style better on display than here. Starting a judgement with what is essentially just a conversation with a friend is already an odd move, but we continue. This case involves "Freeman On the Land," a group that shares a lot in common with the sovereign citizen archetype (read Meads v. Meads, 2012 ABQB 571 (CanLII) if you're interested in this, it's incredibly well done), but more importantly it serves as a way for O'Donnel to flex creative writing skills. It also has some of the funniest footnotes in Canadian legal history, with my personal favourite being "Lest anyone misunderstand me, this is by no means intended to compare Mr. Duncan to a monkey" (he definitely did) as well as a long complaint about the nature of the internet and an apparent wish to return to the typewriter. Outside of this case, everything Justice Fergus O'Donnel has ever written could safely be on this list.
- Langevin (Re), 2012 QCCS 613: All that you need to know if that this case centers around a man's claim that he is the rightful owner of the Earth, and eventually of course, the Solar System.
- Bruni v. Bruni, 2010 ONSC 6568: *Why should you read it?* Aside from the fact that a genuine legal judgement starts with the sentence "Paging Dr. Freud, paging Dr. Freud," this case essentially boils down to a court official taking jabs at the parties in question for roughly 45 pages.

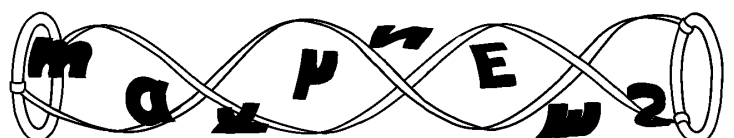
As a final statement, I will also be considering starting a petition to have Justice Fergus O'Donnel start a career in standup comedy. Thank you.

James Wilson

TOP N WHITESPACE UNICODE CHARACTERS

- 1.
- 2.

crimson



CHAT, ARE WE PLAYING THE HIT GAME SOLITAIRE?

FINALLY, A HAPPY ONE

Okay, now that the October canon events have subsided, I can talk about something kinda great: games. I could talk about Balatro, the poker inspired roguelike that I've modded to allow for numbers too large to comprehend. I could talk about both Hades 1 and 2 and my obsession with North American interpretations of Greek mythology, and the fact that the games' art and voice acting is stunning (Prince Zagreus? Odysseus? ARES??? All three at the same time, ideally). I even could write an essay on the significance of Minecraft as both a tool for creatives and its significance in wider culture, not to mention the End Poem and what it aims to say. Instead, I choose to write about... Solitaire, or rather, any single player card game, utilizing the common 52 deck (or utilizing multiples of said deck; Freecell Two Decks is a favourite of mine). It's a game that I've been playing since I was eleven, and it always had enough space for me. There are multiple variants (Wikipedia has 84 listed), ten of which I will rank:

- Eight Off: 8/10, very simple and quick to play
- Klondike (real solitaire): 5/10, if this is your favourite, you're boring, I'm sorry
- Freecell: 6/10, a path to better variants
- Freecell (Two Decks): 9/10, so many cards to manage, but more flexible than the original (that can apply to Hades 2 in a way)

- Accordion: 8.5/10, cool concept, no good sites for it online, too many cards irl
- Spider (single suit): 10/10, it eats every time
- Scorpion: 7/10, HARDEST SOLITAIRE EVER but I like the challenge
- Pyramid: 6/10, it's so mid but it features a bit of math so
- TriPeaks: 6.5 /10, I like it when I get a chain going
- Ninety-One: 8/10, very easy, and math involved

Now, does this make me a Grandma, doing such an old person activity? No! I'm very young and healthy and haven't reached unc status at 22, thank you very much. I just happen to feel both peace and tension between me and the deck, and I revel in the little puzzle I get to solve.

Can y'all tell I have autism?

And if anyone asks, my favourite cards are the ace of spades, queen of hearts, seven of diamonds, and the two of clubs. In Balatro, it's the red seal polychrome lucky king of hearts, and I'll take 52 of them for a flush 5 Baron Idol build.

Jochemist

WINTER IS COMING!!!

Grab your tuques, lace your boots, and zip your coats... cause it's cold now :/

Every year, there are different types of people when it comes to winter. There is a crowd of excited people, "OMG YAY SNOWW!!!!", the direct opposites of "when summer is rolling around?" international students who have never seen snow before in their lifetime and think an apocalypse is beginning. And finally, the commuters who regret their lives as whatever useless mode of public transit is cancelled for the fourth time this week. But no matter what, whether you love or hate winter, there's stuff to do when you inevitably get tired of doomscrolling instead of studying. So, in honour of our first snowfall, here's a list of winter activities:

1. Get hot chocolate
2. Make a torch and run around burning snow
3. Collect massive icicles and practice your javelin throws
4. Eat yellow snow
5. Throw yellow snow at someone
6. Make snowballs with rocks in them (preferably do not throw at a person)
7. Drink more hot chocolate
8. Befriend a snowman
9. Unfriend a snowman
10. Migrate with the geese

At the end of the day, winter is dramatic, chaotic, and entirely unavoidable. You can love it, hate it, or deeply resent it... but you're living in it anyway. Winter isn't leaving anytime soon, not even climate change wants to mess with Canadian weather. Whether you're a winter-lover, a winter-hater, or one of the tunnellers who hasn't seen sunlight since midterms, prepare yourself. The snow has arrived, and it's only the start.

Jubble

WHEN THE HOMEWORK

contains a problem that was only solved in a paper published a week *after* it was released (and *before* it is due) ☹️

terminal

TIRED

I don't know why I suddenly hate cooking and can't figure out how to get my laundry done in a regular fashion.

Tired

BREAKING NEWS: mathNEWS DECISION DESK PROJECTS WINNER OF 2025 NEW YORK CITY MAYORAL ELECTION

With 97.8% of polling stations reporting, the **mathNEWS** decision desk can now officially call the 2025 New York City mayoral election... Nick Pfeifle???



Goose Blitzter

WHAT IS YOUR FAVOURITE TYPE OF BIRD?

- Duck
- Domestic Mallard
- Chickadee x2
- Common Loon
- The Raven in Edgar Allen Poe
- Blue-footed Booby
- Falcon
- Par
- Erne (shout-out to crossword setters)
- Chicken
- Puffin x2
- Penguin x3
- Blue Fairy Penguin
- Peregrine Falcon
- Dodo
- Adjutant
- Pigeon x2
- Turkey Vulture
- Heron
- Kiwi x2
- Great Blue Heron
- Varied Thrush (everyone go listen to Sparkbird!!!)
- Definitely not a Bluejay
- Loon
- The One That Goes Meep
- Atlantic Puffin
- Pelican



mathgeek

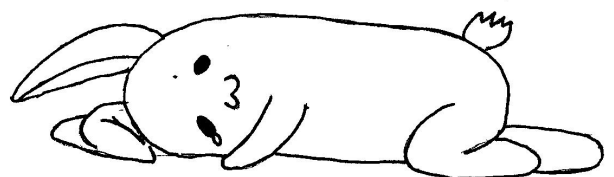
N THINGS I HAVE DUE

I FEEL SO FUCKED... HOW DID I GET HERE

1. PMATH 453 A3 (This was due on October 31. It's November 10 and I still haven't finished it.)
2. A SASMS talk tomorrow (November 11) that I haven't started preparing for.
3. A STAT 333 quiz on Wednesday (November 12) that I haven't started studying for.
4. Some FARMSA stuff to do that's due literally right after my STAT 333 Quiz.
5. PMATH 453 assignment due this Friday (November 14) that I haven't even looked at yet.
6. STAT 330 assignment due this Sunday (November 16).
7. STAT 331 quiz next Friday (November 21) (I know nothing in this course. I hate it.)
8. Some research papers I have to read for my MURA next term (I'm supposed to read 2, but I am (7/32) pages through one and I haven't read the other one, and I was assigned this on the second week of September.)
9. A song I want to arrange for Animusic next term (I have only arranged 1 minutes and 10 seconds of the song out of the total 8 minutes and 31 seconds.)
10. Bonus: Silksong (I am so close to finishing. I just need to get the high score in some minigames, beat the final boss, then I have 100% the game with the exception of Steel Soul/Speedrun.)

Pls send help

Fried Rice



A TOTALLY OBJECTIVE AND DEFINITELY LOGICAL RANKING OF EVERY LSAT LOGICAL REASONING QUESTION TYPE

1. Necessary assumption
2. Sufficient assumption
3. Paradox/resolve issue
4. Flaw (not including parallel flaw)
5. Strengthen
6. Complete the argument
7. Principle
8. Conclusion
9. Weaken

10. Must be true/false
11. Disagreement
12. Role
13. Most strongly supported
14. Agreement
15. Parallel reasoning
16. Flawed parallel reasoning

Cruz

N ISLAND FACTS — WRANGEL ISLAND

In my endless pursuit of the best way to waste my time in lectures, one of the most reliable methods I have found is opening up Google Maps and looking for small, obscure, or otherwise interesting islands. What follows is the result of my past several PHYS 121 lectures, I hope you'll find it as interesting as I found it distracting. This is also (hopefully) the start to a series of articles, as I've spent so much class time doing this that I have a huge backlog of cool islands to talk about.

WRANGEL ISLAND



- Several small villages were founded during the Soviet era, based around rock crystal (quartz) mining. The largest, Ushakovskoye, peaked at a population of 180. This dwindled over time, until the last resident was killed by a polar bear in 2003
- The island is the last known place where woolly mammoths survived. Mammoths went extinct on the mainland around 10,000 years ago, but a small population (~1,000) was isolated on Wrangel Island and survived 6,000 years past that, until around 2,000 BCE (around when the great pyramids were being built)

That's all on this island, let me know if you have an island you want me to cover (fatcullen2@gmail.com).

FATCullen

OHHHH IM TWEAKING

WHO TF LET ME HAVE STIMULANTS (LEGAL)

20mg (i am titrating my dose) vyvanse is killing me please send help

planet b612

SOME GOOD ADVICE

1. If you have nothing to say, don't say anything.
2. Don't give advice about stuff you suck at.

no pun indented

math**NEWS**

- 92nd largest island by area, similar in size to Cyprus or Crete
- Arctic climate and isolation means no one lived there in prehistory, except for as a temporary hunting camp
- Only discovered in 1849, making it one of the most recently discovered major landmasses
- Was claimed at different points by the US, Canada, USSR, and Russia
- The Canadian settlement attempts went particularly poorly. Two parties were sent out, in the first all but one member froze or starved, and in the second all members were deported by the USSR to China

DOUBLE DIGGIES

gridCOMMENT 159.5

good morning summoners,

as many of you might know, t1 recently made history with a three-peat win in the league of legends world championships last weekend. and so, in honour of faker's soon-to-be 10th skin (the big double diggies), this **gridWORD** will be a pop quiz on just one part of faker's legendary, highly decorated esports career. don't google it, i know you know those skins off the top of your head you degen

last time, i asked you all what your halloween costumes were, and you all said:

- gneissguy: *don't call me... don't come by my house... we're done*
- pac_gym_playlist: *Thomas Shelby from Peaky Blinders*
- thirdoffive: *I did not dress up as anything for halloween :(but 10 years ago i was an icosahedron*
- awmlet: *sukuna for the second year in a row*

i am sure you all looked marvelously disguised in your costumes, thank you for sharing. the winner this time is Thomas Shelby from Peaky Blinders! please pick up your prize at the **mathNEWS** office. now, it is november, which means that the winter holidays are upon us!!!! not to mention the recent snow, which has exacerbated my excitement. this issue's **gridQUESTION** is: what is your favourite holiday tradition? please send your completed **gridWORD**, **gridQUESTION** answer, and a pseudonym to the **mathNEWS** office at mc3030 or mathnews@gmail.com by monday nov 24 for a chance to win a PRIZEEEEEEE

happy solving,



spaggettiinhalers

ACROSS

- Mauna ____
- Jamaican pop
- Poems of praise
- Prefix with China
- ____ and yang
- Like some numerals
- Duty
- Sums
- Dump
- You may be lost in the middle of it
- ____ and outs
- ____ mode
- Lennon's love
- About 1% of the atmosphere
- Birthstone after sapphire
- Ball hit just over the infield
- TV studio sign
- Faker's chosen skin for Worlds Finals 2024 MVP*
- Pig's dig
- Breviloquent
- Seafood entree
- Senior member
- Sonata, e.g.
- Poetic Muse
- Faker's chosen skin for Worlds 2013*
- Harry Potter's best friend
- Secretive org.
- Fans
- Façade part
- Mage assassin with Immortalized Legend and Risen Legend skins honouring Faker's 2024 induction into the Hall of Legends*
- Field dealing with the study of human behaviour and culture
- The children ____ for the mines
- Poetic dusk
- Faker's chosen skin for Words 2024*
- USA's counterpart to cadets
- Physics unit
- UW student group founded in 1964

DOWN

- White wine aperitif
- From OK. City to Tulsa
- Pitches
- Faker's chosen skin for Worlds 2016*
- Mug
- Cuckoo
- Faker's chosen skin for Worlds 2023*
- Knuckleheads
- Discharge
- Small-time dictator
- Moonfish
- African antelope
- Tribute, of sorts
- Disabled celebrity chef Williams
- Buddy
- Wealthy ones
- Kind of child
- Sheep's harvest
- Must, slangily
- Black-and-white cookie
- Galoos
- Greek letter
- ____ be a real shame if...
- Kind of killer
- Faker's chosen skin for Worlds 2015*
- Oracle
- Finishes
- Assassin mage with a Risen Legend skin honouring Faker's 2024 induction into the Hall of Legends*
- Tolkien creature
- Versification
- Disassembler
- Detective, often
- Gasping with delight
- Bat an eye?
- Metal in rocks
- Wee
- Aerial transportation grp. headquartered in Montréal
- Get
- ____ in the machine
- Dash widths
- Expanse



1	2	3			4	5	6		7	8	9	10		
11			12		13				14				15	
16				17				18						
			19					20						21
22	23	24						25				26		
27					28		29				30			
31			32	33			34			35				
36						37				38		39	40	41
			42		43					44				
45	46	47			48			49	50			51		
52				53				54		55	56			
57			58					59						
	60						61					62	63	64
	65						66				67			
		68					69					70		

Drop your gridWORD solutions off at MC 3030. And yes, we do award points for creativity.

lookAHEAD

SUN NOV 16	MON NOV 17	TUE NOV 18	WED NOV 19	THU NOV 20	FRI NOV 21	SAT NOV 22
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Drop with WD ends

Add period for W26 begins

Absurdity Day

SUN NOV 23	MON NOV 24	TUE NOV 25	WED NOV 26	THU NOV 27	FRI NOV 28	SAT NOV 29
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math**NEWS** 159.6
prod**NIGHT** (6:30 PM, QNC 1502)

National Jukebox Day

Allegedly American Thanksgiving

math**NEWS** 159.6 released

LAST ISSUE'S grid**SOLUTION**

1	N	P	O		4	H	A	P							7	G	A	B		
10	J	E	F	11	F	O	R	D	12	S		13	S	14	C	15	U	L	L	Y
		16	R	A	L	L	I	E	D			17	M	O	T	I	L	E		
18	S	A	I	N	T				19	S	20	O	O	T	E	D				
21	A	L	R			22	C	L	U	N	K	Y			24	E	25		26	M
27	C	T	O		28	H	I	E		29	E	E	L		30	R	Y	E		
31	S	A	N	T	I	A	G	33	O		34	R	E	35		36	E	W		
		37	E	A	T			38	O	R	E		40	D	I	S				
42	O	N		44	O	C	A		46	C	O	47	C	O	B	O	48	L	O	
50	B	O	T		52	H	I	53	M		54	N	U	N		55	M	I	D	
56	I	R	E		57	C	R	E	58	A	S	E			59	E	N	D		
		60	C	61	L	O	W	N	S			62	D	63	A	R	E	S		
64	65	I	T	H	A	C	A		66	A	67	T	68	F	I	R	S	T		
69	T	R	I	C	K	Y			70	P	A	R	A	P	E	T	71	S		
72	D	Y	E						73	X	Y	Z			74	T	I	T		



Here shall he see no enemy but winter,
rough weather,
and the cursed midterm curve
that bindeth all together.
~ Tobias Wintermere, Esq