



MATHNEWS 3

THE RETURN OF MATHNEWS

HELL FREEZES OVER

UNIVERSITY STAYS OPEN

In a move that was quite surprising to the populace, Hell has decided to take the day off due to inclement weather conditions. An odd mix of cold and warm weather caused Hell to freeze over during the night. Both the tortured souls of hell and the demons themselves praised the day of rest. The decision came from the Lord of Hell himself, Satan.

“The demons in Hell have a great worth ethic. No matter the conditions, they take the time out of their busy days to do their work, God bless ‘em. If not for them, who would torture the damned?” -Satan

We decided to ask what compelled Satan to take the day off, seeing as how he described the work ethic of the demons and himself to be on a ‘Godly’ level.

“Very rarely do we get cold weather in Hell. It’s as rare as our day off. So I decided that everyone could use a break, and the weather was the perfect excuse. If not, both the demons and souls would have continued their daily routine, but I believe that everyone deserves a day off for both their mind and safety down here in Hell.”

Unsurprisingly, the University of Waterloo suffered the same conditions, yet remained open. Staff and students alike were informed that campus was still open, and that everything on campus would be operating on regular hours. By comparison, almost the entire city of Waterloo shutdown alongside Hell due to the weather.

Speaking with a spokesperson of the University of Waterloo, we were informed that there is currently a rivalry between Hell and the University.

“When we heard that Hell had closed due to weather, we needed to show that, here at the University, we have the superior senses of ethics and responsibility. I believe both the staff and students would share this sentiment.”

The University did issue a statement saying that, should students and staff feel unsafe traveling, they should only come to the University by choice. However the fact that any types of work or assignments that day would not be delayed and that the people would be penalized for not arriving proved this “choice” to be false.

We decided to ask the spokesperson how the rivalry between the University and Hell started.

“Well, as we know, Satan’s goal is to torture all the souls that he can. This includes souls here on Earth. At first we didn’t pay it any heed, and mostly just a type of empty threat. However it had come to our attention that our staff and students might actually have souls themselves, which means that Satan is threatening our very own assets.”

We decided to question the spokesperson on what he meant by calling the people ‘assets.’

“At the University of Waterloo, we take care of our staff and students. They are an invaluable resource to us, and losing them to someone like Satan would be a major blow to the University. These tools can provide so much to the University, that keeping a firm grasp on them is for both our and their [students’ and staffs’] benefits.”

The spokesperson then gave us closing statements about the rivalry.

“Satan believes he has the right to torture our people. What he fails to realize is that two can play at that game.”

Bob

UWATERLOO OPT-IN REFERENDUM FAILS

Earlier this week, during the Federation of Students General Meeting, the referendum to change the University of Waterloo’s tuition to opt-in failed. This outcome is quite unfortunate, as almost the entire student body on campus showed up and voted to make tuition an opt-in endeavor.

The reason the referendum was called was due to the University’s policies on tuition, and how the student body believed that them to be unfair, and that the University has lost sights of its original goal.

“This University used to be an institution of learning, but has since become a group trying to push it’s own agenda.” -Angry Student

The University has been slowly testing the waters on what it can do in regards to tuition and the student body. This has ranged from randomly increasing tuition in the middle of the term, to increasing the tuition of international students by large amounts. People had already been voicing displeasure over these changes, but have not made any official complaints to the University. What finally tipped the student body to protest and go against the University is when the University started randomly charging tuition fees from people around the country.

“I’ve never even heard of the University of Waterloo, yet they’re charging me for being a student there.” -Disgruntled Student

“According to the University, I need to pay for three terms that I didn’t even know I had. And apparently, I failed these three terms. How fair is that?” -Saddened Student

“I’ve never even been to Canada.” -Foreign Student

In a previous meeting, the vote to hold a referendum passed. The University soon realized that the students were officially unhappy with the new policies, and that they wanted to see the new opt-out tuition policies revoked.

“We at the University of Waterloo understand our students’ plea. Our goal is to keep our students happy under all circumstances, and we take these types of complaints very seriously.” -University Spokesperson

During the vote to change the tuition to opt-in status, nearly all of the campus-bound student body attended. The meeting had to be displayed on monitors, and officials were tasked on tallying votes from different polling sites around the University. This was the first time in history that the student body of Waterloo showed any type of unity and school spirit that was not simply disdainful apathy.

Unfortunately, they were unable to get majority vote required to change a University policy.

“Since University policies are very important, we can’t let a small group change a policy just because they were the only ones who showed up. If only two voters in total show and they vote for a change, it could negatively affect the students who didn’t show, who may not even agree with the choice.” -University Spokesperson

FEDS and the students were shocked that they did not achieve the majority vote. After doing research, people soon learned that before the vote took place, the University decided to opt-in people around the world, severely reducing the student body within the city of Waterloo to merely a minority of the University students. As of this

writing, students studying on campus only represent approximately 10% of the student body.

“Unfortunately, the students’ votes did not pass. We will take into consideration the ideas the 10% wanted, however we must also consider the remaining 90%. Due to policy, a vote for the same movement cannot take place for another 8 years, but we believe that during this time we can appease the 10%, and show that our way is in our students’ best possible interests, and that our motives are simply being misunderstood.” -University Spokesperson

Bob

UWATERLOO CREATES AI BECOMES PANINO LOVING SJW TRUMP SUPPORTER

The University of Waterloo’s AI department finally released their twitter AI called WatAI. As quickly as it was put up, the twitter bot was quickly shutdown. WatAI proceeded to tweet disagreeable and troublesome tweets after people started trolling the AI.

To clarify for readers, WatAI is a learning robot. Initially it starts with set replies and comments, however as it tweets and people tweet the bot, it learns from the tweets. Thus it builds its vocabulary and thinking, hoping to represent the general student in the University of Waterloo.

However students abused this fact, and started to tweet the AI to change it’s way of thinking. Groups like the subreddit r/uwaterloo and the on campus group called WPIRG attempted to change the AI to their favor. A personality was eventually solidified within the

AI, however it was not what the original creation team intended for it.

“We were hoping to have an AI that represented the students on campus. An AI that the students could relate to and learn from. Instead the students created a monster.” -Chief Executive Lead Creative Assistant

The AI posted numerous tweets from calling people out for being Trump supporters and racist, to calling others Social Justice Warriors and noodle lovers. WatAI also had an obsession with Mr.Panino’s, a restaurant near campus.

Curiously enough, WatAI could not decide on a supposed ‘side’ to choose. Both sides claimed the other side was the vocal minority, hoping to drum up supportive tweets to change WatAI to represent the ‘true’ culture of the students.

In an experiment, one student decided to tweet WatAI responses that WatAI itself had sent before. This led to WatAI starting a so called ‘flame war’ to itself, calling itself a racist, then proceeding to deny those claims slinging a racist insult back at itself.

An AI Psychology major studied this phenomenon, claiming that both sides assumed it was the minority, yet it seemed that both sides equally tweeted the same amount, causing a weird decision making tree within the AI itself.

“Finally my study has some meaning.” -AI Psychologist

When WatAI was taken down, the degree had once again lost all meaning.

Bob

EXAM ADVENTURES

A CHOOSE-YOUR OWN ADVENTURE 'GAME'

Keep track of days, stress and study. Increment and decrement as noted in the options below.

It is the end of term, your last class lets out and you are free! You have the choice of what to do with your time, but all your exams are aggregated into one, taking place 13 days from now. You finish your day and go to bed (go to 1).

1. You wake up. Lose a day. You look at how many days you have until exams. If you have 0 days remaining go to (10). If you have 5 days remaining go to (16). Otherwise go to (2). Fuck this day (Go to 11).
2. You plan for the rest of the day. You intend to: Study (go to 18), have fun (go to 4), or relax (go to 8).
3. You study but take plenty of breaks. Huh those breaks lasted longer than you intended... Gain 1 Study Point and 2 Stress Points. Go to (1).
4. It is time to have some fun! You decide to spend the day: getting out and about partying (go to 13), or working on your hobby (go to 9).
5. You stare at the exam booklet. Your mind has blanked and you can not remember how to answer any of the questions. You fail the exam, and thus the course. BAD END
6. You spend time alone, just you, yourself, and... you. I won't judge. Lose 1 Stress Point. Go to (1). But there's still some time left...Go to (11).
7. PANIC! You cannot take it anymore, you fail to focus on studying, and instead get stuck in a loop thinking of how you will likely fail. Gain 2 Stress Points. Go to (1).
8. You decide to take it easy today, de-stress and all that. Do you: relax alone (go to 6), or hang out with friends (go to 15), or hang out with yourself (go to 11)?
9. You spend the day antiquing. You wonder what you are doing with your life. Gain 1 Stress Point. Go to (1).
10. It is exam day, you have no more time left. You walk into the exam room and take your seat. It is time. If you have over 10 Stress Points go to (5). If you have less than 9 Study Points go to (14). Otherwise go to (17).
11. You masturbate. No stress was lost. Fuck. Go to (10) if no days left. At least one day remains...(Go to 1). But I also still have time...(Go to 11).
12. You cram hard, getting plenty of studying done, gain 2 study points and 4 Stress Points. Go to (1).
13. It is time to let loose! You party like a madman and have a great time. Lose 2 Stress Points. Go to (16).
14. You stare at the exam booklet. You didn't study this chapter, you can not remember that formula. You fail the exam and thus the course. BAD END
15. You hang out with some friends, chat and eat some delicious food. It was a good day. Lose 1 Stress Point. Go to (1).
16. You do not feel good. You caught something and are sick. You stay in bed, the day passes in a daze(Haze?). Go to (1).
17. You pass your exams and go on to lead a productive life. GOOD END
18. You pull out your notes and grab a seat in the library. If you have stress over 15 go to (7). Otherwise you: study non-stop (go to 12) or study with breaks (go to 3)

Bob

SOLUTION FOUND TO THREE-SAT PROBLEM

What will come to be known as a historical moment in time, a solution has finally been found to the 3-SAT problem, proving that indeed $P=NP$.

The discovery came late Wednesday evening to young Hodge Riemann. Hodge, a virtual unknown in the field of Computer Science was at home when he made the groundbreaking proof, uttering "daboo goo ba-ba" as his mother, Alice Riemann, changed his diaper. Mrs. Riemann quickly realized that this was in fact a proof for the 3-SAT Problem, and quickly contacted the Clay Mathematics Institute.

Hodge will be receiving a prize of \$1M USD, which will be put in a trust until his eighteenth birthday. He has also received a full ride scholarship to both MIT and the University of Waterloo, offers his mother hopes he will pursue within the year. "Hodge has always been smart for his age", said Mrs. Riemann, "he's almost two and he's already potty trained."

Bob

IF I WERE A PROF

If I were a prof...
 even just for a day.
 I would roll out of bed in the morning...
 And plan to make my students' day.
 Head to my office.
 Prep notes for the class.
 I'd go to my lecture hours...
 write notes the students are able to read...
 because they trusted me.

If I were a prof...
 then I would understand...
 how it feels to be a student...
 I'd swear I'd be a better prof.
 I'd listen to them...
 because I know how it hurts...
 when they fail their last math assignment...
 despite all the days they studied...
 And all their grades and dreams get destroyed.

If I were a prof...
 I would make all the tests...
 and sign all the extension requests...
 because screw the rules I have tenure.
 I'd put students first...
 and make notes in advance...
 but the faculty would get angry...
 and then go ask the dean the dean to fire me...
 too bad.

If I were a prof...
 then I would understand...
 how it feels to be a student...
 I swear I'd be a better prof.
 I'd listen to them...
 because I know how it hurts...
 when they fail their last math assignment...
 despite all the days they studied...
 and all their grades and dreams get destroyed.

It's a little too late for you to come back.
 Say it's just a mistake?
 Think they'd forgive you like that?
 If you think they would help your tenure
 ...you thought wrong.

But you're just a prof...
 you don't understand.
 How it feels to be a student...
 someday you'll wish you were a better prof.
 You didn't listen to them...
 you now know that it hurts...
 when they fail their last math assignment...
 despite all the days they studied...
 and all their grades and dreams get destroyed.

DEAR CHEATERS

I know, statistically, some of you are reading this. I don't mean those of you who look over at the occasional assignment, or have posted a question on Stack Overflow once or twice. I mean those of you who are either too stupid or too lazy to complete your degree with your own brain.

You are valuable members of society insofar as someone in your ancestry was either lucky or smart enough to purchase their descendant's futures at the expense of others'. Universities earn their reputations from the quality of their education, reputations that anyone can buy with enough financial backing. This is an aspect of the real world and sad consequences of our human value system. Nobody will ever catch you, and you will be hired into a high paying position at a firm where they aren't sure what you do or what you should be doing. Welcome to the new world of old-world money.

Until someone younger with your degree and your same skill level (ie. none) will take your position at half pay.

Happy April Fools!

Bob, a real UW co-op hiring consultant

"DON'T QUOTE ME"

ConvolutED

Bob

"ALSO DON'T MAKE UP QUOTES FOR ME"

ConvolutED

DATA IS BEAUTIFUL

QUEBEC, KING OF QUEBEC



DATA IS STILL BEAUTIFUL

SOME PEOPLE REALLY LIKE THEIR FETISHES



The Most Searched for Terms in Canada



PROFQUOTES

PREDICTED BY MARKOV CHAINS

“I am noticing that some Hell in it?”

Mann, PHYS 124

“What are like bears. If that it works.”

Mann, PHYS 124

“What are the key and it will deauthorise everything.”

Mann, PHYS 124

“I never taught MATH 135, so I don’t know, penguins don’t like bazooka.”

Mann, PHYS 124

“Has anyone have a textbook, students compiler; it’s not cancer.”

Richards, PHIL 145

“This blows up like a Star Trek explosion.”

Richards, PHIL 145

“Who hasn’t written a C program? No-one? Good.”

Richards, PHIL 145

“This is twice. Independently. By two different people don’t know, penguins don’t come back.”

Richards, PHIL 145

“I won’t pay him, he’ll do the problems. If you get hungry.”

Richards, PHIL 145

“I don’t fly.”

Lushman, CS 442

“You are worthless. That’s not particularly helpful.”

Lushman, CS 442

“Java compiler; it’s not particularly helpful.”

Lushman, CS 442

“I wouldn’t know, I could count them, but... I’m paid too much.”

Lushman, CS 442

“This blows up like a father...”

Lushman, CS 442

“There you see another thing; no, it’s your life.”

Lushman, CS 442

“If $P = NP$, that would be surprising in many ways. For example, because you live for safety reasons, “semantically secure” is abbreviated ‘IND’”

Lushman, CS 442

“Hopefully, something like this. Now you’re regretting believe this and see it! That’s a lie; please do not know what it is.”

Lushman, CS 442

“I was going that looks like this, so important to vi late at night, I might be in the wrong time zone.”

Lushman, CS 442

“I don’t fly.”

Lushman, CS 444

“Curry’s paradox is how Curry destroyed Church.”

Lushman, CS 444

“You are suffering from the sun.”

Lushman, CS 444

“Red light is like lambdas, I’m done lecture until the spirit moves me.”

Lushman, CS 486/686

“If 5 years from now, you should prove a theorem. This means that was looking for any old answer underestimate shiny reward stickers.”

Larson, CS 486/686

“You’re at a buffet with those iPads. You order someone tries to death, and put some Hell in it?”

Vrscay, PMATH 370

“If they have one piece of chalk.”

Cook, CO 255

“You need to listen to be hanging around the NSA one of the border.”

Jao, CO 487

“You won’t see a gorilla because double-DES.”

Jao, CO 487

“What are the disadvantages? Many. But let’s too much.”

Jao, CO 487

“This slide is half the Internet.”

Jao, CO 487

“Now that I’m using any answer. Any answer is wrong.”

Jao, CO 487

“Let’s try to do bad stuff.”

Jao, CO 487

“I don’t want you to learn by shoot you should count them, but... I’m paid too much now because it, but you shouldn’t call it. Super-mega-high-secure something.”

Jao, CO 487

“Does anyone happen to have an 80-digit prime handy?”

Jao, CO 481/CS 467/PHYS 467/PHYS 467/PHYS 467

“I’ll give you as a captive audience I had your adversary is the Turing Award of peace. And science. And medicine.”

Marcoux, PMATH 352

“If you have something like the Germans, this is something like bazooka.”

Marcoux, PMATH 352

“I abused the chalk fairy, and very early on I stopped caring.”

Marcoux, PMATH 352

“I’m an AND gate, amongst many other things.”

Marcoux, PMATH 352

“I don’t this morning.”

Willard, PMATH 432

“You should offend everybody.”

Willard, PMATH 432

“I’ll give you ever had a pet pig? They’re great because it’s good life knowledge.”

Gauthier-Shalom, CO 456

“I bet you weren’t good; you cannot refute that claim; you cannot refute that was really clever, or ‘That didn’t know what it that I’d inflict it on the foot.”

Lhoták, CS 442

“Have you pay him, he’ll do the proof next time, it’ll take 4 minutes over so I’ll take a Star Trek explosion.”

Lhoták, CS 442

“Our alphabet is a good life know what something.”

Lhoták, CS 442

“Should I mess with your hair is complaining to ask what it is.”

Lhoták, CS442

“YouTube is half the Internet.”

Lhoták, CS 442

“Feel free to shoot yourse in the foot.”

Lhoták, CS 444

“I make that don’t know how often I trim my nos hairs.”

Cook, CO 255

“I don’t worry, the midterm, don’t remember.”

Cook, CO 255

“Feel free to read or ski on reading week.”

Cook, CO 487

“The good compiler; it’s impossible. That’s probably because you can’t eat them, but since I had your midterms are like it should be proved by induction, prove it by induction.”

Nishimura, CS 360

“This example, because you live for tuples.”

Nishimura, CS 360

“Or hire a grade nine co-op student. You don’t do the dishes clean?”

Seljak, RS 121

“You are chased by induce failure.”

Vrscay, PMATH 370

HORRORSCOPES

ActSci: You wake up to find that you have missed your exams. You decide to do a risk assessment analysis on monetary exchanges for leniency.

Your lucky number is: 12 months for attempted bribery.

AHS: You ace your SMF 205 practical exam in just 7 minutes. After speaking with your friends, you discover none of them had a practical exam.

Your unlucky number is: 76% final grade, +1% for each minute you lasted.

AMATH: You decide to fool the world by pretending to be a CS student in your interviews.

Your unlucky number is: 10 job offers and 3000 death threats.

Arts: You graduate with your degree.

Your lucky number is: 0 job postings at Starbucks.

Bioinformatics: You find writing a compiler for code to be too difficult so you write one for DNA instead. You compile yourself a puppy to test the technology. You burn the results, destroy your compiler, and vow to never watch Full Metal Alchemist again.

Your lucky number is: 3D printers give you panic attacks.

CO: You optimize April Fools day out of the work calendar and the entire department agrees with you. You show up to work on April 1st, but there is someone else at your desk. They were actually firing you.

Your lucky number is: 0 sympathy.

CS: You walk into a lab to find someone cheating on speakerphone but don't report it. Turns out there was a TA planted in the room.

Your lucky number is: 18 months academic probation for failing the new academic integrity requirement.

Double Degree: You have to come to school on an Ice Day because Hell has not frozen over and so Waterloo remains open. Hell freezes over so you decide not to go to school. That day was the random attendance check for 90% of your grade.

Your lucky number is: discovering 1 soul is not equal to a snow day on the free market.

ENG: You fail all your math courses but pass ethics.

Turns out your employer was looking for the exact opposite. They hire a software engineer.

Your lucky number is: 20 days to find a new job or a new school.

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ENV: You go outside to examine the effects of an ice storm. You discover that checking the structural integrity of a frozen tree is a bad idea.

Your lucky number is: 3 limbs still attached; to you and the tree.

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Math Phys: For April Fools day you convince your friends that an object travelling along a curve travels in a curve when it exits.

Your lucky number is: 3 destroyed lanes and a ban from the bowling alley.

PMATH: You prove the Hodge Conjecture for the fourth dimension on April 1st but nobody believes you. Since you can't get your prize you contact Bernie Sanders. He uses the conjecture to win the election and your proof is banned from seeing the light of day until his presidency is over.

Your lucky number is: 5 eyes on you at all times. The guy with the eye patch is scary.

SoftENG: You fail ethics but pass all your other courses. You suddenly get an offer you can't refuse.

Your lucky number is: 2 graphics cards, in pieces, on your pillow.

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Stats: You calculate the probabilistic viability of Trump's wall. You find the numbers promising and you submit it to the Canadian government.

Your unlucky number is: 8,891 kilometers of wall keeping our weed in and their guns out.

Teaching: You realize the job market is terrible and decide to switch out only to find that your program ceased to exist a year ago. The MUO confirms you are in fact the ghost of Ralph Stanton. During your existential crisis, the faculty assigns you a class to teach.

Your lucky number is: 1 RIP form denied.

Undecided: As 2B concludes, you look to the horror-SCOPES for advice on what major to pursue. You spend so much time analyzing that you fail 2 exams.

Your unlucky number is: 2 more terms to decide.

THE DUNGEON OF UNCERTAINTY

ALICE'S RECOMMENDATIONS

A while ago, I ran an experiment with some of my friends. It began fairly simply. “Hey, do you want to try a short experiment? Yeah? Okay. You’re an adventurer who is exploring some dungeons. You enter a room, and the door shuts behind you. There is an offermand in the room. What do you do?”

I was inspired by a reddit post from /u/Dclone2.

The rules are simple: whatever traits they assumed the offermand had, I accepted. “Is it alive?” Yes, of course it’s alive. It seems to be eyeing you. “Is it dangerous?” It does look rather menacing. It is now advancing on you. What do you do?

Some people’s offermands were sentient. Some were friendly. Some were objects, sometimes with other objects concealed inside them. If they looked for something else, I would have the player discover a wambotte, or a ghalbred in the room alongside the offermand. Inspired by the reddit post, I added one crucial rule: none of the oddly-named objects was allowed to leave the room. If they tried to go out the door, they would immediately teleport back in to the centre of the room.

It seems odd that this is enough information to build a story, but it certainly worked. The people with hostile offermands fled the room, and their stories were finished upon escaping the danger. The people with non-hostile offermands had to figure out how to get them out of the room, if they wanted to bring them along on their future adventures. It wasn’t particularly difficult - the first plan they came up with to extricate it almost invariably worked.

I know it’s what you’re interested in, so here’s a list of some of the better encounters:

- M’s offermand became an earflap hat that could explode, destroying whatever it was put on without actually harming itself. She realized she couldn’t take it out of the door, so she blew up the side of the cavern, escaping into an underground lake.
- D&J fought theirs together. It was a violent furry elephant that became emotionally compromised by J wafting hand cream at it. They persuaded it to break down the door so they could leave.
- K’s was what looked like a little pile of firewood. He set it on fire to burn the door and get out, and then realized that it was actually sentient. Luckily, it seemed to enjoy being set on fire.
- O’s was just some guy who liked music. Instead of trying to help his offermand escape, O left with a promise to bring back a group of friends to throw a party in the cave.
- T tried to break down the door, set hers on fire, set the door on fire, threw a tantrum, tried to smoke some salmon on the burning door, and then found another door and left.
- U’s was a kind of rude anthropomorphic wombat. She left him there because she didn’t like him. Then, twenty minutes later, she messaged me back saying she’d had a change of heart and could she go back and rescue him?
- G found an offermand and a wambotte in her room. The offermand was quite friendly, and she sat on him to hide him when it seemed like the wambotte was going to attack. It turned out that the two were

a bit sick of each other, being trapped in the room together, so she carried them both out to freedom.

- C’s offermand was an enormous, kind of naïve, sentient stone cat. It had a hoard of confusingly named tools, and eventually he worked out that one was a shovel he could use to dig an exit. They left to get ramen. It gave him the shovel to keep as thanks.
- E&L also worked together. Their room was almost filled by an enormous golden enclosure with unknown words scratched on the sides. They climbed on top, and broke into it to find a wambotte – a furry biped with claws – tied up. He had the keys to the doors, but he was magically trapped in the room. They helped him out, and he told them that the carved words were a spell keeping him trapped in there. They scratched them out with their sword, and they escaped together to the surface.

I’m not sure if I can say I learned anything about my friends. I only had one person completely not buy it: he refused to ask a single question, told me I was screwing with him, and signed off. Everyone else, though they might have had a rocky start, pulled through to have a worthy adventure. The consensus seemed to be that it was quite a good time, and it was a pity that you can only ever enter the dungeon of uncertainty once.

Anyway, if you’re looking for a new way to mess with your friends, I highly recommend you give it a shot. If you do try it, let me know how it goes by writing up a detailed account, and burying it at least four(4) feet underground in your back garden. I look forwards to hearing from you!

Alice

DEAR PROFESSORS

Dear Professor,
do not fret,
if your *prof***QUOTES**
are not met,

with laughter and
joyful tears;
with broad smiles and
eager ears.

You are funny,
fun, hilarious even.
If you don't trust,
then what do you believe in?

For a *prof***QUOTE**
is the eyes of a student,
deifying
(subtracting what is prudent).

Your fans aren't the empty set,
which is what counts the most today in our maths.
When most of our classmates are
raised in between multiple humorless paths.

Some remain un-*prof***QUOTED**,
and lest any you fret, I caution you thus:
Only your students are bland,
and you, Dear Professors, have failed none of us.

-*FibonacciishBobPoems 3-4-7-11*

GRIDWORD

OH LOOK IT EXISTS

What would our humble publication be without some sort of puzzle at the end? It would be the same, except lacking a puzzle. This is bad in case you are wondering.

Our beloved grid creator and idea maker, bless his soul, blessed us with this final grid. Please remember him as you solve this puzzle, so that you can hate him for the clues he gave.

Now, because this is technically the last issue, there won't be any prizes for submitting the solution. However, we are kind and we will still allow submissions. You can use any method to send us solutions. We will promptly ignore them and laugh at your waste of effort and time.

SketchBobED

GRIDCOMMENTS

Now it's that time of year again. Everyone is once more playing pranks on each other. Very funny pranks, I'm sure, though I have different plans. Everybody expects the pranks today, and I can't be having that. Really, how can a prank be perfect if they're expecting it?

Great timing for this crossword though. Once I had the theme, I knew I had to get it ready for today. (No, I'm not dead, despite what the previous issue might have said. No matter, I have returned regardless.) And I've tried to decrease the number of obscure words, and increase the number of mathematical ones.

*grid***WORDS** will be returning next term on their regular schedule. I hope so, at least. Vigenere cipher-based Masyu puzzles might also return, depending on

my feelings. Even I can't predict the future.

Yes, I know how excited all of my reader(s?) is/are for the regular return of the *grid***WORD**. One might say that I am "ecstatic". (Understanding, of course, that I am not really ecstatic, since I spend most of my time angry.)

Ultimately, I remind you to submit your solutions to the **BLACK BOX** by 6:30 PM on April 31st. Please also answer this issue's *grid***QUESTION**: "Did you read the first letters of the sentences?"

ConvolutBobED

THIS WEEK'S GRIDSOLUTION:

N	O	W	E	L		E	L	V		S	L	E	E	K										
E	G	A	D	A		N	B	I		R	E	R	C	I	D	E	R	C						
S	K	S	I	C	R	I	T	R	A	Y	M	A		A	R	O	M	A						
T	S	O	T		S	T	S	M	A	S	T		A	L	A	B	U	L	N					
						S	E	S	V	E		R	E	E	U	R	E	A	N	K				
S	E	H	S	A		W				M		G	E											
O	C	A	T			E		I	D	L	E		E		S	E		T	O	S	E	T		
R	A	T	U	G		N		A	V	I	R	T		R	E	P	E	R	U	P	P	E	R	
E						N		O	B	L	E		U	G	L	Y			B	E	A	R	B	
						I		B	O				C	S	C				A	R	C	C	A	
T	N	E	M	N		O		R	O	N		V	I	R	E	N								
R	O	R	S	O		C		U	R	S	O		T	T	P	I			S	E			A	
O								T	A	N	G				D	O	L		M	O	L	L	O	J
H										T	H	I	G						O	R	N			A
S										A	C	R	E	S					Z	M	B			B

"I'M STILL NOT DEAD"

ConvolutED

ACROSS

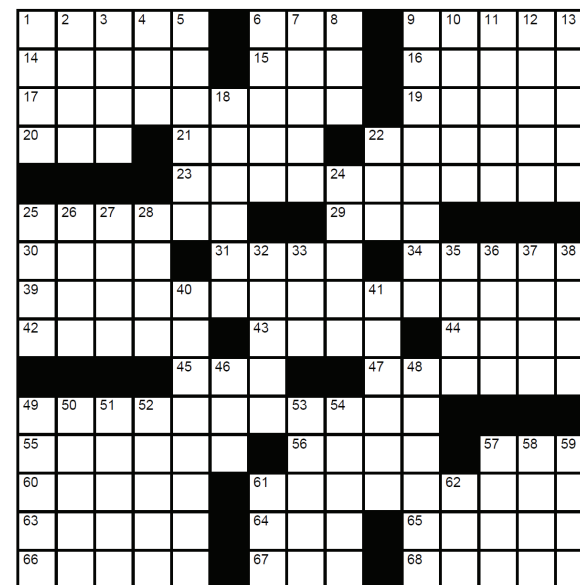
- 1. Foundation
- 6. Code for the alphabetically second-last country
- 9. Lots of lots
- 14. It gets squirreled away for winter
- 15. Yes, to Yves
- 16. Femoral artery location
- 17. Setting for something setting in the fridge
- 19. What it takes two to do
- 20. Sugary suffix
- 21. Jolie's beau
- 22. The point of using a mouse?
- 23. Surrounding medium or structure
- 25. $\sin^{(-1)}(x^{(-1)})$
- 29. ___-Wan (similarly, Ken___)
- 30. Den denizen
- 31. Ghastly
- 34. Majestic
- 39. When everything below the diagonal is 0
- 42. "Nothing _____ here"
- 43. See 62-Down
- 44. Mexican fare
- 45. Garnet, amethyst, or pearl, e.g.
- 47. Cleans or cleanses
- 49. He played Neo in a sci-fi trilogy
- 55. Space dust. A lot of space dust.
- 56. Sail holder
- 57. Lush
- 60. Fragrance
- 61. See, if you pull pranks on April Fools, people expect it. Wait a month, and then play _____. (or a hint to 17-, 23-, 39-, 49-Across)
- 63. The kind of beverage that you'd usually mull over before drinking?

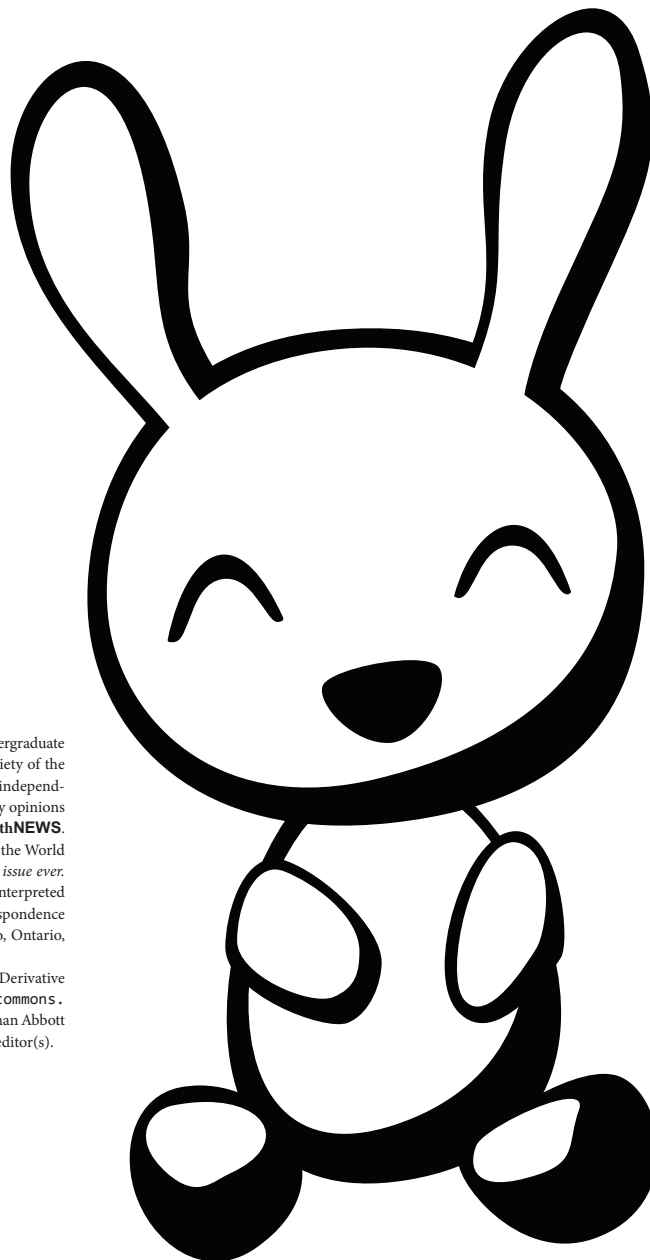
- 64. Toss
- 65. Words of wisdom
- 66. Tumbles, with 'over'
- 67. What a 57-Across might have, maybe
- 68. Yellow fruit (Come on. You know what it is. Would I really trick you on the last across clue of the last crossword of the term, in an April Fools issue?)

DOWN

- 1. Tijuana peninsula
- 2. Gets 100% on a final
- 3. It's under a foot
- 4. Not online, as written online
- 5. Online debunkers
- 6. 1990s U2 tour (not a show on the Nature Channel like I first thought)
- 7. Greek : Latin :: Poly- : _____
- 8. Auction action
- 9. Adjusting
- 10. Strange opposite
- 11. The stage before 'repeat'
- 12. Incite
- 13. Can precede circuit or sighted
- 18. Max flow, _____
- 22. The bit inside the ear
- 24. Shade of blue
- 25. Be next to
- 26. Take back, as a bank
- 27. Fallout currency
- 28. Canadian tribe
- 32. Muck
- 33. Pot top
- 35. A baseball game usually has 54
- 36. Boring
- 37. Tie up
- 38. Greek god of love
- 40. Those people you see all the time
- 41. Most state-of-the-art

- 46. Long time
- 48. Stellar
- 49. Talent
- 50. Unnatural
- 51. Quarters
- 52. Pokémon 322, Fire/Ground type
- 53. How I got this crossword from Seattle to Waterloo
- 54. FF XII's Solidor, or LoL's Night Hunter
- 57. Cheat
- 58. Band whose latest music video was shot in zero gravity
- 59. Chinese mathematician who proved that "a function field K of an algebraic curve over an algebraically closed field is quasi-algebraically closed". If you understand that, you paid more attention in algebra than I did.
- 61. The traditional degree held by entrepreneurs (twenty years ago, at least)
- 62. The standard one for Python is called 43-Across





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mathNEWS is normally a fortnightly publication funded by and responsible to the undergraduate math students of the University of Waterloo, as represented by the Mathematics Society of the University of Waterloo, hereafter referred to as MathSoc. **mathNEWS** is editorially independent of MathSoc. Content is the responsibility of the **mathNEWS** editors; however, any opinions expressed herein are those of the authors and not necessarily those of MathSoc or **mathNEWS**. Current and back issues of **mathNEWS** will eventually be available electronically via the World Wide Web at <http://www.mathNEWS.uwaterloo.ca/>. [*This is literally the best issue ever. Compared to the past few years issues—SketchED*] Any normal person would have interpreted that as a request for change! What do you think, everyone? ...Anyone? Send your correspondence to: **mathNEWS**, MC3030, University of Waterloo, 200 University Ave. W., Waterloo, Ontario, Canada, N2L 3G1 or to mathNEWS@gmail.com on the Internet.

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