MIT's Oldest and Largest Newspaper

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The Tech

Established 1881

Volume 139, Number 27

Thursday, November 14, 2019

WEATHER, p. 2

THU: 42°F | 36°F
Mostly Cloudy

FRI: 49°F | 25°F
Mostly Sunny

SAT: 35°F | 28°F
Sunny

EDWIN SONG—THE TECH

Brothers Marketplace offers a hot foods section and cafe for shoppers who want more than just groceries.

Grocery store opens in Kendall

The 12,000 square-foot grocery store has local produce at various price points, including organic options

By Whitney Zhang and Edwin Song
EDITORS

Brothers Marketplace Cambridge opened Tuesday at One Broadway in Kendall Square. The 12,000 square-foot grocery store offers produce at a variety of price points. It also has a hot food section, a dining area, and a demo space.

The store's options include "prepared foods made in-store, baked goods, fresh produce, local seafood, antibiotic- and hormone-free meats, local and international cheeses, and offerings from local producers, such as Cambridge's own Iggy's Bread and Bonnie's Jams."

The space is owned by MIT and leased to Brothers Marketplace for 15 years, Sarah Gallop, MIT's co-director of government and community relations, wrote in an email to *The Tech*.

The Tech visited the store Wednesday afternoon. Several dozen customers were present, most of them young adults shopping by themselves. A few older shoppers and families were also present.

Prices for milk start at $2.99 per gallon and eggs start at $1.99 per dozen. In addition, the store offers higher-priced organic and locally-sourced options. The cooked foods section of the store includes a bakery and cafe, a salad bar, a deli, a hot pretzel display, and a sushi display.

The store grew out of the Kendall Square Initiative zoning process. In May 2016, MIT was granted a permit by the City of Cambridge to develop a mixed-use district in Kendall Square on six former MIT parking lots.

MIT held over a hundred community meetings, Gallop said in a phone interview with *The Tech*. At these meetings, the top wish of attendees was for MIT to bring a

Marketplace, Page 2

Meal Plan Working Group works to develop new meal plan model

Plan to optimize value, flexibility, financial stability

By Margaret Rodriguez

The Meal Plan Working Group is in the process of developing a meal plan model which optimizes plan value and flexibility, encourages the use of meals, and ensures a long-term financially sustainable dining program. The group was charged by the Division of Student Life June 2019 in response to the changes to the meal plan proposed and then paused in Spring 2019. The group met for the first time Sept. 27.

Last year's proposed meal plan changes were met with much student dissatisfaction due to inadequate communication and student involvement in the decision-making process.

In an interview with *The Tech,* Director of Campus Dining Mark Hayes said that the Meal Plan Working Group is receiving input from students by including members of the House Dining Committee (HDC) in working group meetings, facilitating discussions with different dorms and their respective heads of houses and interested residents, and opening up an online form where students can provide feedback.

Hayes also said that it was important that students get a better idea about the complexity involved in developing a meal plan model that satisfies the variety of challenges and constraints that the group is faced with.

Hayes said that some challenges and factors that are being considered include the price of each meal, the hours of operation of the different dining halls, the variety of food options, and compensation for Bon Appetit staff.

According to the group's webpage, additional challenges include the high operating costs of maintaining food service facilities, limited student participation due to flexibility for upper-level students and students living in cook-for-yourself residences, and proximity of dining options.

Hayes stated that the Meal Plan Working Group intends to take these different constraints, in addition to data from last year (number of meals used, when meals swipes were being used, average cost per meal, and type of plans available) into account while modelling potential solutions.

Hayes said one of the most complex issues that the Meal Plan Working Group faces is how dining dollars are spent. Dining dollars were recently added to the meal plan as a means of providing students with more portability by ensuring that students did not have to return to the residence halls for certain meals.

However, after finding that the majority of dining dollars are spent in the student center for lunch, Hayes described how dining dollars did not seem to be solving the intended problem. Additionally, Hayes described the proposals the group is considering with dining

Meal Plan, Page 2

Anonymous installation covers portrait of Koch

Tarnished Horizons *depicts a drilling rig*

By Rujul Gandhi
NEWS EDITOR

Anonymous persons covered a portrait of David H. Koch '62 in Building 66 with artwork titled "Tarnished Horizons" Nov. 10. A plaque next to the painting dedicated it to "the lives disrupted by climate change" and stated it was commissioned by the "MIT Committee on Climate Change."

An email sent to *The Tech* by the anonymous group describes the painting as "an impressionist rendering of a flaming offshore drilling rig filling the sky with smoke and the sea with oil."

The plaque read, "This art installation is intended to pivot attention away from MIT's exaltation of David H. Koch, and instead towards the spectre of his actions. Koch spent decades exploiting ecosystems and championing climate change denialism for the financial benefit of himself and his family company, the petrochemical giant Koch Industries."

The plaque also asked the MIT administration to "step away from embracing the patronage of the Koch family and the fossil fuel industry, and realign its values with MIT's mission to brighten the horizons of humankind."

According to the plaque, the artwork is planned to be on display from Nov. 11 to Nov. 17.

The "MIT Committee on Climate Change" also installed the piece "Futility Island" in September in front of the Green Building, which depicted an oil spill. The piece appeared in response to Shell funding renovations for the Green Building, according to a sign next to the piece.

MIT student groups also protested the Institute's relationship with Koch earlier in the semester, including at the #TheyKnew protest in September and the dedication of Hockfield Court in October.

Koch, who passed away Aug. 23, donated $100 million for the Koch Institute for Integrative Cancer Research and $20 million for the David H. Koch Childcare Center.

MIT Library staff vote to unionize

MIT Libraries support staff voted Nov. 6. to unionize and to certify the American Federation of State Council and Municipal Employees (AFSCME) to represent them. Library administrative staff voted to not unionize.

The support staff's movement to unionize began in early October, with library workers submitting a petition to the National Labor Relations Board (NLRB) and creating a website to campaign for "A Better MIT."

Sixty members of the support staff voted in favor, while four voted against. Not all eligible members of the support staff voted.

Of the 35 voting members of the administrative staff, 24 voted against being represented by the AFSCME, and 27 voted against a mixed unit to represent them.

The results of the election are not final until they are certified by the regional NLRB, according to an email to *The Tech* from Chris Bourg, director of MIT Libraries.

Bourg added, "Library staff have made their voices heard, and the administration will honor the results of the election. We will continue to prioritize the concerns of our staff and remain committed to working productively together to ensure the health and wellbeing of all library employees."

—Kristina Chen

IN SHORT

Students have until 11:59 p.m. Nov. 20 to submit approved changes for **drop date**, to change a subject from **credit to listener**, or to petition a December **advanced standing exam**.

Students can now register and be reimbursed for **student-faculty dinners**.

Nominations for the annual **Dr. Martin Luther King, Jr. Leadership Award** are open until Nov. 29.

Interested in **joining** *The Tech*? Stop by for dinner Sunday at 6 p.m. or email *join@tech.mit.edu*.

Send news and tips to *news@tech.mit.edu*.

KEVIN LY—THE TECH

A painting of David H. Koch '62 in Building 66 was obscurred by a painting titled *Tarnished Horizons* set in place by anonymous persons Sunday evening. The painting depicts a flaming offshore oil rig scorching the sea and sky.

MIT WOMEN'S SOCCER
A successful weekend at the NEWMAC championship.
SPORTS, p. 12

DEMOCRATIZE MIT
Response to President Reif.
OPINION, p. 4

GOTTA GO FAST
Ford versus Ferrari. **ARTS, p. 6**

QUEEN MARY I
An opera of romance and political intrigue.
ARTS, p. 7

DOCTOR SLEEP
The Shining sequel we didn't need. **ARTS, p. 6**

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WEATHER

Break out the coats, but hold the snow gear

By Conrad Goffinet

After unseasonably mild temperatures through much of October and early November, the city of Boston finally seems to be cooling down. Temperatures are starting to consistently dip below freezing at night, and daytime highs are coming down from their high values in the mid sixties earlier this month. Highs are predicted to continue their downward slide in the intermediate term, after warmer temperatures rebound briefly. One thing notably absent from the weather in the upcoming forecast is snow; after a very brief dusting Tuesday that left about enough snow to disappoint all those looking forward to winter weather, the region will be left with a distinct lack of the wintry precipitation in the near future.

Extended Forecast

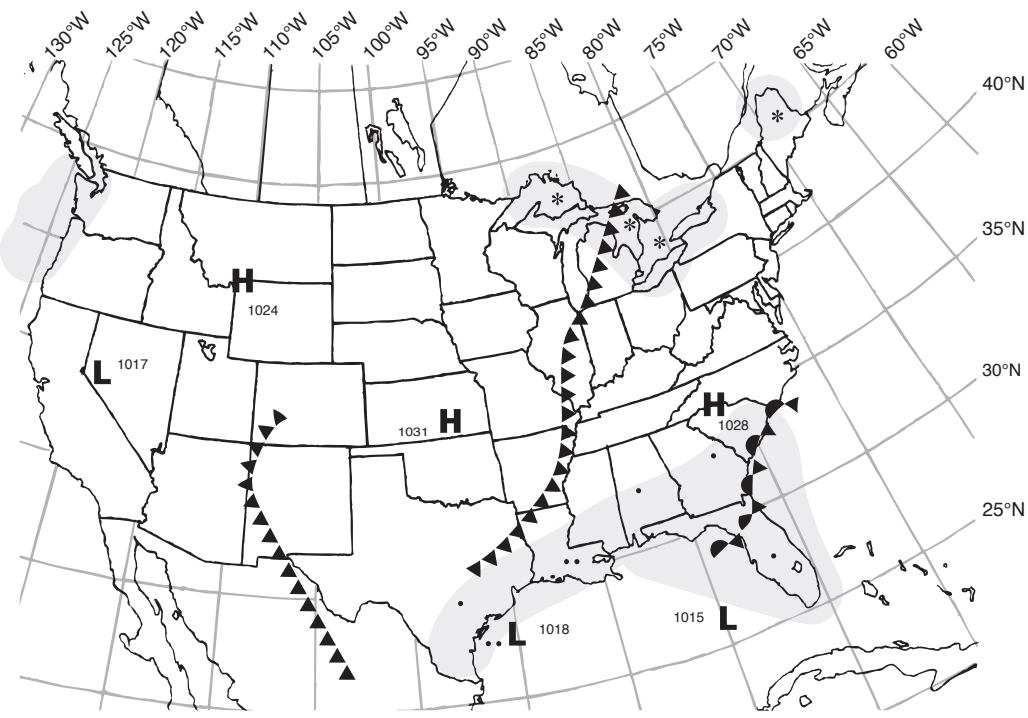
Today: Mostly cloudy, with a high near 42°F (6°C). Winds out of the south 3-7 mph.

Tonight: 20% chance of precipitation before 1am. Mostly cloudy with a low of 36°F (2°C) and southwest winds from 5-7 mph.

Friday: Mostly sunny. High of 49°F (9 *C) and a low of 25°F (-4°C). Sustained winds ranging from 6-15 mph with gusts reaching 28 mph at night.

Saturday: Sunny, with a high near 35°F (2°C) and a low around 28°F (-2°C) at night. Winds gusting out of the northeast hitting 28 mph

Sunday: Mostly cloudy with a high near 42°F (6°C) and a low around 37°F (3°C). 40% chance of precipitation at night.



Situation for Noon Eastern Time, Thursday, November 14, 2019

Weather Systems	Weather Fronts	Precipitation Symbols			Other Symbols
H High Pressure	Trough		Snow	Rain	Fog
L Low Pressure	Warm Front	Showers	* ▽	• ▽	Thunderstorm
§ Hurricane	Cold Front	Light	*	•	Haze
	Stationary Front	Moderate	**	••	Compiled by MIT Meteorology Staff and *The Tech*
		Heavy	⁂	∴	

Store includes hot foods section and demo space

Marketplace, from Page 1

grocery store into Kendall Square, since at the time there was no local grocery store.

Gallop explained that MIT decided to locate the store at One Broadway in part because it was equidistant from MIT and surrounding residential areas and the planned building had a large lobby.

MIT selected a vendor after looking at many options and hiring a consultant with expertise in the Kendall Square retail area. Gallop said that MIT needed a vendor who could work with a 12,000 square-foot space and would provide a variety of "grocery experiences," as some clientele would go and eat dinner there, whereas others would just buy groceries. Additionally, the store needed to be accessible to anyone living or visiting in the area.

Brothers Marketplace, by Roche Bros, was a good option, since it would be able to provide groceries at a variety of price points, Gallop said. Additionally, its Downtown Crossing Roche Bros store showed that Roche Bros was capable of running a small, urban grocery store.

A fully executed lease was announced Dec. 14, 2017.

Peter Su G, GSC president, wrote in an email to *The Tech,* "I don't remember very much student input into choosing the actual vendor for the grocery store." However, "MIT had heard a lot of feedback from students and the broader Cambridge community that a grocery store was needed."

The store had 24 Cambridge residents working at the store on opening day. MIT and Roche Bros have focused on hiring Cambridge residents, Gallop said. Recently, MIT opened a job connector to connect those in Cambridge with workforce development opportunities. Roche Bros partnered with MIT to set up two hiring days at the connector and "blanketed" the community with notifications about the hiring.

The Cambridge Chamber of Commerce projects that the store will add more than 200 jobs to the neighborhood.

Gallop projected that the store will "do very well," since there is no other grocery store nearby, as the Star Market at University Park and Harvest Co-op have both closed, leaving only HMart and Whole Foods in Central and Star Market at Gore Street. She said that the store was "jam packed" on opening day.

Gallop said she expects the store's main customers will be employees working in Kendall and at Sloan; graduate students — especially those in Eastgate and in the new Kendall Square graduate student housing; and residents in the surrounding area, which includes several large apartment buildings.

Mahi Elango '20, UA president, wrote in an email to *The Tech* that the "bulk of the discussions occurred before my time," but that the "UA firmly believes in the importance of accessible, low-cost grocery stores and has been working on food insecurity projects for the last several years."

Su agreed. "I think that the store will provide another option, which is a net positive," he said.

The store is open Monday through Saturday 7 a.m.–9 p.m. and Sunday 8 a.m.–8 p.m and accepts EBT.

Cami Mejia contributed reporting.

Online form gathers student input

Meal Plan, from Page 1

dollars: making them optional, increasing them, or just removing them completely.

Hayes said that another topic that has been heavily discussed by the working group meetings is breakfast. Based on data from last year, the HDC found that less than 20 percent of students use their dining swipes for breakfast.

This was one of the initial issues which sparked last year's proposed change in the meal plan — it was a large concern that students were not being nourished properly due to lower meal plan requirements. Hayes noted that many students feel as though the high cost of using a meal swipe for breakfast is disproportionate to what they receive.

Hayes also noted that students not eating breakfast at the dining halls does not mean that they are not eating breakfast at all. Many students have chosen alternative breakfast options.

The working group intends to deliver findings and recommendations to Chancellor Cynthia Barnhart PhD '88 and Vice President and Dean for Student Life Suzy Nelson by December 2019. The working group's goal is to arrive at a meal plan model which can be successfully be instituted for the 2020–21 academic school year.

Members of the MIT community can submit ideas for improving dining on campus via this online form.

UA Vice President Kelvin Green II resigns

Kelvin Green II '21 has resigned from the position of UA Vice President, according to an email UA President Mahi Elango '20 sent to the undergraduate student body Nov. 6. Elango wrote in an email to *The Tech* that Green resigned because he is taking a leave of absence from MIT.

Elango appointed former UA Chief of Staff Charlotte Minsky '20 as the new vice president. Elango wrote that the UA Constitution states, "In the event of a vacancy in the office of the Vice President, the President shall immediately appoint a successor who shall become active upon the approval of fourteen members of the Council."

"Although there is no Constitutional mandate to follow the order of succession noted in the Constitution, I appointed the Chief of Staff given Charlotte's experience in the UA and across campus," Elango wrote.

In addition, former UA Secretary Rishi Shah '20 has been appointed chief of staff. The UA council discussed nominations for the secretary position during their meeting Nov. 13.

—Rujul Gandhi

Do you have a story to tell?

Can you tell a personal story in writing or in an interview?

The Tech wants to publish stories from the MIT community

Sample topics:

Experiencing discrimination at MIT

Choosing between divergent career paths

Your slice of MIT culture

Romance at MIT

Or anything else you can tell as a compelling story

The Tech Established 1881

Email cl@the-tech.mit.edu with stories or proposals

We get you the tickets.
You get us the review.

ARTS at The Tech Established 1881

events • movies • theater • concerts
music • books • restaurants • interviews

join@the-tech.mit.edu

VICTORIA DZIECIOL—THE TECH

MIT students and faculty gather around telescopes with solar filters in front of the Stratton Student Center, hoping to catch a glimpse of Mercury in front of the sun through inconvenient cloud cover Monday.

MAXIMO MACHADO

An officer (Aquila Simmons '23) arrests Antonio (Melody Tan '20) for his crimes against Duke Orsino (Nicolas Suter '23) at MIT Shakespeare Ensemble's Twelfth Night Friday.

OPINION OPINION OPINION

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By Opinion Writer
STAFF REPORTER

[Your Article Goes Here]

Write for Tech Opinion

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ARTS ARTS ARTS

Unlikely heroes, from Page 6

erful auditory experience. The action scenes are wonderfully indulgent and showcase the film's skillful sound and visual editing as well as effective cinematography.

These racing events also establish the film's time period, providing a peek into 60s racing culture. The film successively creates a flood of stimuli at Le Mans, where all types of media from all parts of the world are going at once — typewriters, radio, telephone, black-and-white TV — highlighting the massive effort to cover this incredibly popular and global sport. Experiencing Ford itself is another tribute to the era: as Shelby enters the Ford manufacturing facility, wide shots capture an imposing sea of black suits that step aside to reveal an expansive chamber of machines and spaces all in organized lines.

Much in contrast with Ford's automated, strict protocol, Miles's ingenious intuition for creating the Ford race vehicle leads him to use old-fashioned techniques like taping strings onto the car to test its aerodynamics. This contrast between Miles's less refined nature and Ford's elegant, business-oriented mindset is a compelling driving force throughout the film, beyond just the mechanics of the car. The most notable effect is how this pressure changes Miles's rebellious, almost self-centered attitude — a slow progression that is made possible by the film's masterful control over the sense of passage of time.

Even for audiences not particularly interested in engineering or cars, witnessing the emotional growth of Miles and the inner conflicts that Shelby deals with throughout this timeline pulls at the heart and gives the audience no choice but to sit on the edges of their seats during the final Le Mans showdown. The buildup to this investment in the characters is not explicitly realized until these later moments that create intense crucibles of elation and also heartbreak. The film leaves the audience with residues of emotional rollercoasters and societal themes to contemplate. Above anything, the strong connection you feel to the main characters and even the Ford race car rings as a success for this more-than-an-action film.

MERRICK MORTON

Christian Bale as Ken Miles and Noah Jupe as Peter Miles in *Ford v Ferrari*.

OPERA REVIEW

How to dupe a queen

Odyssey Opera scours the operatic archives and unveils another work of underappreciated genius

Maria, Regina d'Inghilterra

Composed by Giovanni Pacini

Libretto by Leopoldo Tarantini

Conducted by Gil Rose

Directed by Steve Maler

Odyssey Opera

Huntington Avenue Theatre

Nov. 1–3

By Alexandra Sourakov
STAFF WRITER

How often do Victor Hugo, "Bloody Mary," and Winston Churchill's fictional ancestors come together? Not often since Giovanni Pacini's operas went out of fashion. Pacini, a prolific *bel canto* composer, was a contemporary of many names that annually grace the programs of the best opera houses (Bellini, Donizetti, Rossini) and their equal in popularity and prestige. His electrifying opera *Maria, Regina d'Inghilterra*, based on Victor Hugo's play *Marie Tudor* (1883), is a testament that natural selection in the arts is not to be trusted.

The plot is intricate, surprising, and thoroughly Hugo. Despite it being fashionable to say the opposite, I found the storyline to be more engaging and less predictably melodramatic than many operas. At the center of the fictional story is the titular Queen Mary I (Amy Shoremount-Obra) who is torn between her love for the sleazy, dastardly Scot, Riccardo Fenimoore (Kameron Lapreore), and her duties to her country. Seducing the queen for political gain is not enough for Fenimoore, who also goes after Clotilde (Alisa Jordheim), an orphan (but actually a duchess) on the eve of her marriage to Ernesto Malcolm (Leroy Davis), who took her in as a child. Due to machinations by Lord Chancellor Churchill (James Demler), both Malcolm and Fenimoore are sentenced to death. The queen intervenes; only one will go to his death, but even she is not certain until the dramatic conclusion which one it will be.

Shoremount-Obra swings between being a capricious, giddy woman who can barely contain herself waiting for her boyfriend's arrival (*La corona che cinge il mio crine*) and a cold, calculating monarch who wields the power of life or death over anyone in her dominion. Jordheim was magnificent and may well have defined the role of Clotilde for our generation. There are several duets between the queen and Clotilde (including *Qual ora tremenda!*) that beautifully pair the women's distinct sopranos: Jordheim's nimble and expressive, Shoremount-Obra's deeper and full-bodied. Having two excellent baritones in this production was another treat. Davis sings with guileless emotion as if the feelings are all new to him, and his rounded, slurred syllables paint the libretto in blended, softer brushstrokes. Demler's domineering yet restrained delivery is the flipside of Davis's character and style, quietly letting us know who's really in charge.

The first two acts had me on the edge of my seat, swept along by the perfect coalescence of music, voice, and vision, while the third had moments when I became conscious of the passing time. In the first act, the music is on the up, the pacing is right, and the self-interest of each character seems to be irreconcilably in conflict. Part of the lethargy of the third act was due to Fenimoore's extended arias, which even seemed to have a worn-out Lapreore looking forward to the end. The audience's sympathies have never been with Fenimoore, and his attempts at remorse don't move anyone.

The singing of the Odyssey Opera chorus, especially the male chorus, and the choreography by Peter Dimuro made Pacini's catchy ensemble pieces, like *Forza ai Remi* and *Tutto e Festa a noi d'Intorno*, shine brilliantly. They are rendered even more eye-catching by the costuming, which is contemporary with a medieval/steampunk flair, walking the tightrope between tawdry and tasteful. The Queen's Guard wear matching calf-length firetruck-red trench coats, the nobles wear prom-like evening gowns and embroidered waistcoats, and the queen herself dons lots of lace and capes. The effect is immersive without going full-out period piece, and the subtle dissonance underlines the fictional nature of the plot.

KATHY WITTMAN

Queen Mary I (Amy Shoremount-Obra) and Gualtiero Churchill (James Demler) awaiting the climactic execution.

The backdrop to this choreography of schemes and dreams is a simple but extremely effective set by Jeffrey Allen Petersen. On the three sides, wooden beams rise from floor to ceiling like vertical blinds, penning in the action. At the climax of the tale, a human-powered staircase moves across the stage as the prisoner alights it, his speed matching that of the staircase, always keeping his silhouette fixed in front of a red lit panel, creating an animated, surreal tableau.

With small changes in lighting and accessories, the stage transforms from a palace into the jail cells of the Tower of London. Lighting designer Jorge Arroyo masterfully manipulates mood: moments of tension and despair are cloaked with purple and blue hues, while the warmth of yellows, oranges, and reds herald happiness and passion.

Conductor Gil Rose and the Odyssey Opera orchestra once again demonstrate their versatility and meticulousness as they navigate Pacini's dusty score with polish and perfect timing. The harp and the percussionist were on opposing sides outside of the orchestra pit. This had an interesting effect on the primacy of the percussionist in the score, making it into a heartbeat that ran through the whole production.

After a concert of Saint-Saens's *Henry VIII* in September and a fully staged *Maria, Regina d'Inghilterra*, Odyssey Opera will continue its march through the Tudors with the world premiere of Arnold Rosner's *Chronicle of Nine* in February.

Like Alexander Hamilton?

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FUNFUNFUNF

Sleepy

Solution, page 12

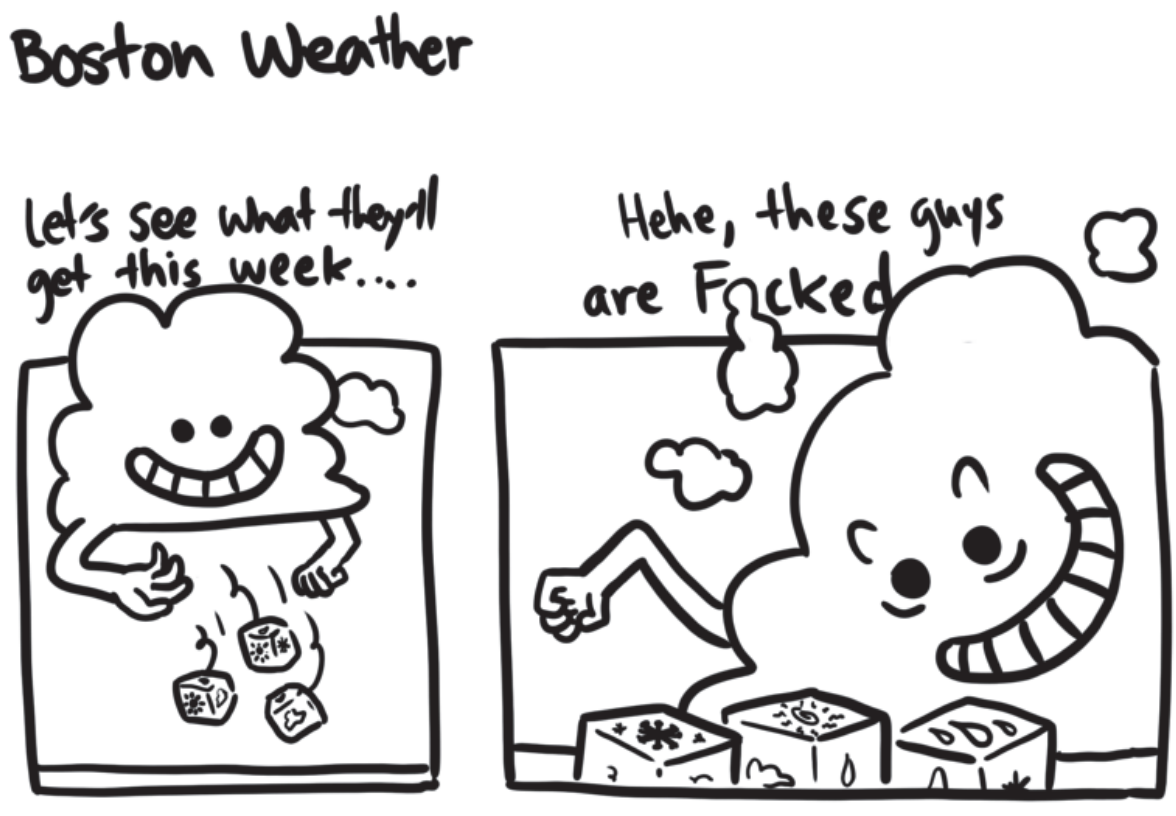
72×		360×			27+			6
	11+			3–			36×	
	5	56×			6		20×	8
144×			72×		7×			9
	8÷			21+			5–	
140×		3–			24+			
2			8–		360×			
29+				48×		120×		
	18×		5		1		24×	

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–9. Follow the mathematical operations for each box.

ihtfp

by Jaeho Kim '20

a comic about life at the 'tvte



FUNFUNFUNF

FUNFUNFUNF

Grumpy

Solution, page 12

240×				63×		12×		1–
23+				288×		9		
4–		42×			9+	27+		1
8÷	24×		1				72×	
		24+			14×		12×	
24+				1–		3		8
4		144×			10×			7
9			14+		294×			27×
60×				12×				

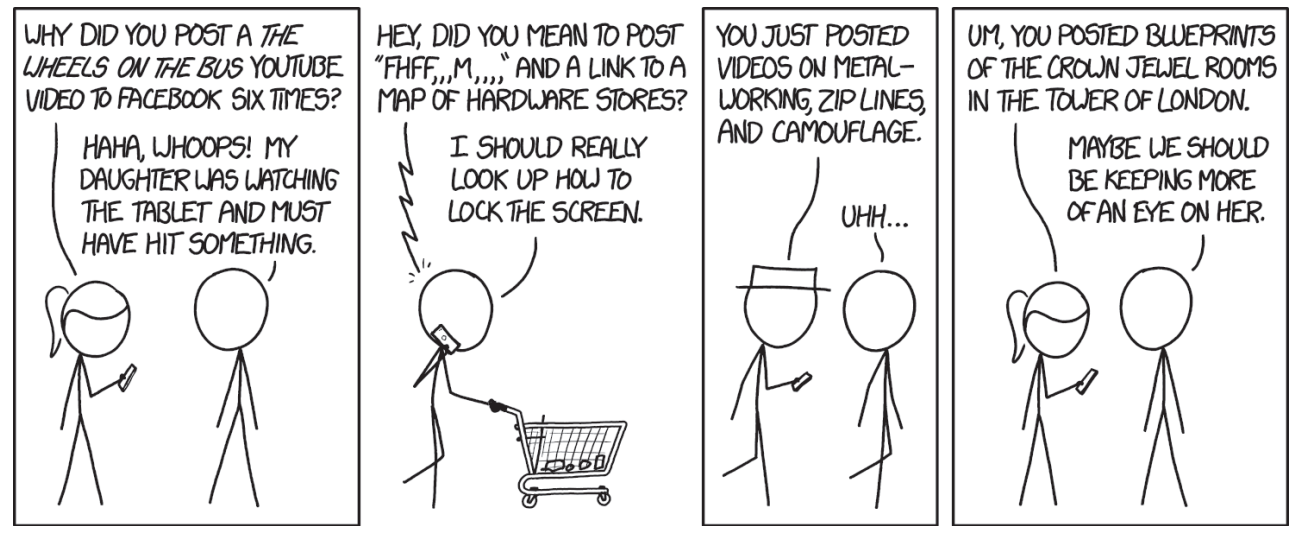
Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–9. Follow the mathematical operations for each box.

xkcd

A WEBCOMIC OF ROMANCE, SARCASM, MATH, AND LANGUAGE

by Randall Munroe

[1765] Baby Post



[bzzzt] "REMEMBER TO CHECK IN FOR YOUR FLIGHT TO LONDON." "My wha-" [bzzzt] "YOUR UBER WILL ARRIVE IN FOUR MINUTES."

FUN FUN FUN

SPORTS SPORTSSPORTSSPORTSS