

Welcome to *TEK TOK*  
March 14, 2017

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*Change your thoughts and you change your world.*  
– Norman Vincent Peale

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## Web Sites

### National Pi Day

Date When Celebrated : Always March 14

National Pi Day celebrates Pi, a mathematical concept and a number that never ends....at least no one has found the end yet. Often, we round it off to 3.14. If you are a mathematician, this is your day. For National Pi Day is a celebration of mathematics. And, more specifically.... it celebrates "Pi".

Today is the birthday physicist Albert Einstein. Einstein was born on March 14, 1879. The date is also represented as 3.14. We strongly suspect some combination of these two facts is why someone created the day on March 14th. However, "Pi" was around long before Albert Einstein was born.

A Little Pi Day Trivia: On Pi Day 2004, Daniel Tammet recited 22,514 to digits.

Origin of "National Pi Day":

The U.S. House of Representatives passed a non-binding resolution (HRES 224),[5] recognizing March 14, 2009 as National Pi Day.

Pi, wonderful pi. It plays into so many aspects of our lives and goes on forever and ever and ever and ever and eve... You get the point. Every year there comes a certain day that shares numerical values with Pi, and on that day there is a celebration of Pi with every kind of Pie you can imagine. You see, pies are round, and Pi is circumference over diameter, a number that, while being functionally infinite, also happens to be a constant in every circle ever. Pi day celebrates the long history of this fantastic number, and the long journey science has taken (and is still on) to seek the end of a number known to be infinite in length.

History of Pi Day

The history of pi day is, without a doubt, intrinsically tied to the origins of the number itself. The need for pi is as old as the wheel itself, and many techniques have been tried in many cultures to capture this elusive number in mathematics. The reach for the whole of this number was difficult, with ancient mathematical cultures only being able to barely find

out to the seventh decimal, and Indian mathematicians (some of the greatest of their time) could only manage to decipher it out to five. Pi is truly one of the most fascinating numbers in existence, and the quest for the ultimate end of Pi has been sought for time out of mind. This seems a fool's errand, given that it seems to extend infinitely in mathematical loops beyond and nothing has ever been found to contest this, this is particularly remarkable when you consider the following: modern techniques have been used to calculate pi out to millions of digits, and at no point has the pattern ever been found to reliably repeat itself.

### How to celebrate Pi Day

Ahhh an easier and more delicious question has never been posited! How do we celebrate Pi day? Why, by eating a great deal of Pie! Remember, Pies are circles, Pi describes circles, and through that we find that everything in the universe can be described with a pi(e). Other ways to celebrate this most amazing and transcendental of days (Pi is a transcendental number, look it up) is to research this number and discover all the amazing secrets it hides. Once you really get to understand the depths and complexities of it, you'll understand why Pi day exists to celebrate a simple combination of digits.

### **Exploratorium: Pi Day**

Pi Day is celebrated on March 14 in honor of the never-ending value of pi (3.1415926...) The renowned museum, Exploratorium, presents a history of Pi ( $\pi$ ) and offers links to Pi-related activities.

<http://www.exploratorium.edu/pi/>

### **Math Is Fun: Pi**

Explains what Pi is and how it is calculated. Gives suggestions for how to calculate it yourself and a tip for remembering it to nine decimal places. Includes a set of practice questions.

<http://www.mathsisfun.com/numbers/pi.html>

### **Math Forum: Pi Day**

Need some ideas for Pi Day on March 14th? You can get some great resources at this location. There are all kinds of links available.

<http://mathforum.org/t2t/faq/faq.pi.html>

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## Hardware/Software

### **Fantastical 2**

The guiding philosophy for Fantastical 2 (\$50; available on the App Store) is that it's a calendar app that focuses on upcoming events in a list view, keeping

that view active no matter whether you're looking at a graphical layout of day, week, month, or year. I live in the week view, and the combination of the upcoming list and a glance at the current week tends to work well together.

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## Hints/Tips

### How to Enter & Exit Apple Watch Power Reserve Mode

Though Apple Watch battery lasts a reasonably long amount of time, having a powered off or dead battery Apple Watch on the wrist is not particularly useful. One helpful tip when you approach the lower bounds of battery remaining is to switch into Power Reserve Mode on Apple Watch. Power Reserve Mode turns the Apple Watch screen into just a watch, allowing you to at least tell the time when the battery gets quite low.

With Power Reserve Mode enabled, Apple Watch will cease all functions except a limited onscreen clock display. While you can enter Power Reserve at any time, this is not something you'd probably use for fun since it disables basically all features of Apple Watch like fitness tracking and heart rate monitoring, messaging, notifications, etc. With that said, it's an incredibly effective way to continue to use the Apple Watch as a time-telling device in situations when it would otherwise run out of battery.

### *How to Enter & Enable Power Reserve Mode on Apple Watch*

On newer watchOS versions enter Power Reserve with:

1. Swipe up on the watch face to go to Control Center
2. Locate the battery screen and tap on the battery percentage indicator
3. Tap on Power Reserve to enable

On older WatchOS versions:

1. Hold down the Power button on the Apple Watch (this is the longer button on the side of the watch, underneath the rotating dial crown button)
2. Slide right on "Power Reserve" to switch into and enable Power Reserve mode on Apple Watch

Power Reserve instantly activates and the screen changes to a simple digital clock face to reflect this. Here is an example of what the difference between a standard Apple Watch face, using the Modular watch, vs the Power Reserve watch face:

As you can see, with Power Reserve you just get a simple clock, that's it. All other features on the Apple Watch are disabled. The  Watch in this power

saving mode can last a very long time however, and I've managed to squeeze many hours out of it after the regular Watch functions have drained battery down into the single digits.

### ***How to Exit & Disable Power Reserve Mode on Apple Watch***

- Hold down the Power button on Apple Watch until you see the  Apple logo

This basically reboots the Apple Watch. While you can exit out of Power Reserve mode at nearly any time (unless battery is critically low), you'll immediately start draining battery again, so if you're lingering at 1% or 2%, you'll probably want to stay in Power Reserve until you can access the Apple Watch charger.

So, to reiterate, Power Reserve Mode enables a simple clock on Apple Watch screen, and that simple clock is all you get. That may seem limited and frustrating, but consider it's use case and you'll understand why this feature is actually really great. Besides, having a clock on your wrist is certainly better than having a dead black screen on your wrist, right?

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## **Riddles You Can Tell in Class**

- 1 - Why can't you borrow money from a leprechaun?***
- 2 - Did you hear about the leprechaun who worked at the diner?***
- 3 - Do leprechauns get angry when you make fun of their height?***

- 1 - Because they're always a little short.
- 2 - He was a short-order cook.
- 3 - Yeah, but only a little.

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## **This Day in History**

### ***Birthdates which occurred on March 15:***

- 0076 Hadrian Roman Emperor (builder of Hadrian's Wall)
- 1767 Andrew Jackson Waxhaw SC, General/(D) 7th President (1829-37)
- 1901 J Pat O'Malley Burnley England, actor (Touch of Grace, Gunn, Star!)
- 1905 Joe E Ross comedian (Gunther Toody-Car 54, Ritzik-Phil Silvers Show)
- 1913 MacDonald Carey Sioux City IA, actor (One Life to Live, Dream Girl)
- 1916 Harry James Albany GA, trumpeter (married to Betty Grable)
- 1926 Norm Van Brocklin NFL QB/coach (Los Angeles Rams), hall of famer
- 1927 Carl Smith Maynardville TN, country singer (Grand Ole Opry)
- 1933 Roy Clark country singer (Hee Haw)
- 1935 Jimmy Lee Swaggart evangelist

1935 Judd Hirsch Bronx NY, actor (Alex-Taxi, Dear John, Ordinary People)  
1940 Phil Lesh [Chapman] Berkeley CA, rock bassist (Grass Roots, Grateful Dead)  
1941 Mike Love Los Angeles CA, rock saxophonist/vocalist (Beach Boys-In My Room, Surfin' USA)  
1944 Sly Stone Dallas TX, rocker (Sly & the Family Stone-Everyday People)  
1946 Bobby Bonds baseball player (Giants, Yankees, etc)  
1963 Jimmy Baio Brooklyn NY, actor (Billy Tate-Soap)  
2004 Mackensie Wilkerson Lakewood CA (grand-daughter #3)

### ***On This Day:***

1493 Christopher Columbus returns to Spain after 1st new world voyage  
1812 1st Russian settlement in California, Russian River  
1820 Maine admitted as 23rd state  
1892 1st escalator patented by inventor Jesse W Reno (New York NY)  
1892 New York State unveils automatic ballot booth (voting machine)  
1897 1st indoor fly casting tournament opens, at Madison Square Garden  
1901 Horse racing is banned in San Francisco, last race March 16th  
1906 Brits Rolls, Royce & Johnson form Rolls Royce Ltd  
1912 Pitcher Cy Young retires from baseball with 511 wins  
1913 1st Presidential press conference (Woodrow Wilson)  
1916 General Pershing, 15,000 troops chasing Villa into Mexico, stays 10 months  
1928 Mussolini modifies Italy electoral system (abolishes right to choose)  
1937 1st blood bank is established (Chicago IL)  
1954 "CBS Morning Show" premieres with Walter Cronkite & Jack Paar  
1955 US Air Force unveils self-guided missile  
1956 "My Fair Lady" opens at Mark Hellinger Theater NYC for 2,715 performances  
1964 LBJ asks for a War on Poverty  
1964 Liz Taylor's 5th marriage (Richard Burton)  
1965 LBJ asks congress to ensure everybody's right to vote  
1965 TGIFriday's 1st restaurant opens in New York NY  
1968 Bob Beamon sets indoor long jump record (27' 2.75") s dropping "Ed Sullivan Show"  
1972 Assassination attempt on Governor George Wallace of Alabama  
1972 NASA selects 3 part configuration for Space Shuttle  
1977 "Eight is Enough" premieres on ABC-TV  
1978 A's trade Vida Blue to Giants for 7 players & \$390,000  
1999 Pluto again becomes outermost planet

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