

On March 14th the world celebrates the mathematical constant π . Pi Day is observed on this day since 3, 1, and 4 are the first three significant digits of π .

In 2009, the United States House of Representatives made Pi Day official by supporting the designation of the day. Pi (often represented by the lower-case Greek letter π), is one of the most well-known mathematical constants. When you type out pi into a calculation you see 3.141592654, but not because this value is exact, but because a calculator's display is often limited to 10 digits. Pi is actually an irrational number (a decimal with no end and no repeating pattern) that is most often approximated with the decimal 3.14 or the fraction $\frac{22}{7}$.

“Probably no symbol in mathematics has evoked as much mystery, romanticism, misconception and human interest as the number pi”

William L. Schaaf, *Nature and History of Pi*

Founded in 1988 at the Exploratorium, Pi (π) Day has become an international holiday, celebrated live and online all around the world. What is π , anyway? Divide any circle's circumference by its diameter; the answer is always approximately 3.14. Pi is useful for all kinds of calculations involving the volume and surface area of spheres, as well as for determining the rotations of circular objects such as wheels. That's why pi is important for scientists who work with planetary bodies and the spacecraft that visit them. Keep calculating π 's digits with more and more accuracy—as mathematicians have been doing for 4,000 years—and you'll discover they go on literally forever, with no pattern.

Celebrate the Day!

The pun-filled pi day is full of circular treats, like pies, pizzas, cakes, and cookies. Many might dress up like Albert Einstein, whose birthday also happens to fall on the math-filled day and the San Francisco Exploratorium still host their annual day of pi celebration.

This irrational and transcendental number has become somewhat of a fun challenge to memorize for some. So, go ahead! Try to memorize as much of pi as possible! Good luck, and Happy Pi Day!

3.141592653589793238462643383279502884197169399375105820974944592307816406
286
20899862803482534211706798214808651328230664709384460955058223172535940812
8481
11745028410270193852110555964462294895493038196442881097566593344612847564
8233
78678316527120190914564856692346034861045432664821339360726024914127372458
7006
60631558817488152092096282925409171536436789259036001133053054882046652138
4146
95194151160943305727036575959195309218611738193261179310511854807446237996
2749
56735188575272489122793818301194912983367336244065664308602139494639522473
7190
70217986094370277053921717629317675238467481846766940513200056812714526356
0827

78577134275778960917363717872146844090122495343014654958537105079227968925
8923
54201995611212902196086403441815981362977477130996051870721134999999837297
8049
95105973173281609631859502445945534690830264252230825334468503526193118817
1010
00313783875288658753320838142061717766914730359825349042875546873115956286
3882
35378759375195778185778053217122680661300192787661119590921642019893809525
7201
06548586327886593615338182796823030195203530185296899577362259941389124972
1775
28347913151557485724245415069595082953311686172785588907509838175463746493
9319
25506040092770167113900984882401285836160356370766010471018194295559619894
6767
83744944825537977472684710404753464620804668425906949129331367702898915210
4752
16205696602405803815019351125338243003558764024749647326391419927260426992
2796
78235478163600934172164121992458631503028618297455570674983850549458858692
6995
69092721079750930295532116534498720275596023648066549911988183479775356636
9807
42654252786255181841757467289097777279380008164706001614524919217321721477

2350

14144197356854816136115735255213347574184946843852332390739414333454776241

6862

51898356948556209921922218427255025425688767179049460165346680498862723279

1786

08578438382796797668145410095388378636095068006422512520511739298489608412

8488

62694560424196528502221066118630674427862203919494504712371378696095636437

1917

28746776465757396241389086583264599581339047802759009946576407895126946839

8352

59570982582262052248940772671947826848260147699090264013639443745530506820

3496...**sorry we ran out of breath and had to stop...find the rest of the number here!**

Share with friends and coworkers:

- [Click to email this to a friend \(Opens in new window\)](#)
- [Click to share on Twitter \(Opens in new window\)](#)
- [Click to share on Facebook \(Opens in new window\)](#)
- [Click to share on Pinterest \(Opens in new window\)](#)
- [Click to share on LinkedIn \(Opens in new window\)](#)
- [Click to share on Tumblr \(Opens in new window\)](#)
- [Click to share on Reddit \(Opens in new window\)](#)