Tables of Constants
as of November 20, 1999

Keywords : constants, Pi, gamma, sqrt(2), real numbers, digits, tables, digits of Pi.
The following is a list of known constants with a precision of 16 digits. For more digits, click on the individual entries.
If you would like more information on these constants, please refer to the list (classified by subject area) at the end of the page. To see a graph of the distribution of entries click here.
For massive downloads see the BIG FILES directory. Here is a link to the INDEX of real numbers tables and the one on INTEGERS.

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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
70,71,72,73,74,75,76,77,78,79
80,81,82,83,84,85,86,87,88,89
90,91,92,93,94,95,96,97,98,99

1.002008392826082 Zeta(9)
1.008349277381922 Zeta(7)
1.030345524216210 exp(Pi)/Pi^E
1.030640834100712 Continued Fractions constant (base 10).
1.034653881897438 one of Hadamard-La-Vallee-Poussin constant
1.036927755143369 Zeta(5)
.1076539192264845 one-ninth constant
1.082323233711138 Zeta(4)
0.01084101512231113 The Trott Constant
1.098612288668109 log(3)
1.098641964394156 The Paris constant

1.098685805525187 Lengyel constant
1.128787029908125 Gamma(5/6)
1.144729885849400 log(Pi)
0.114942044853296 Product(cos(Pi/n),n=3..infinity
1.175201193643801 Sinh(1)
1.176280818259917 smallest known Salem number
1.189207115002721 sqrt(sqrt(2))
1.199678640257733 solution of exp(x)(x-1) = exp(-x)(x+1)
1.202056903159594 Zeta(3)
1.225416702465177 GAMMA(3/4)
1.226742010720353 Fibonacci factorial constant
.1234567891011121 Champernowne number
1.259921049894873 2^1/3
1.261859507142914 log(4)/log(3)
1.282427129100622 Glaisher-Kinkelin constant
1.291285997062663 sum(1/n^n,n=1..inf)
1.296210659593309 A Salem number of degree 38
1.303577269034296 Conway constant
1.306377883863080 Mills Constant
1.324717957244746 Smallest Pisot-Vijayaraghavan number
1.354117939426400 GAMMA(2/3)
1.395485972479302 Hard hexagons constant
14.13472514173469 First zero of Riemann Zeta function
1.414213562373095 sqrt(2)
1.442249570307408 3^1/3
1.442695040888963 1/log(2)
1.444667861009766 e^1/e
1.456074948582689 Backhouse constant
1.461632144968362 Minimal x of GAMMA(x)
1.467078079433975 Porter's constant
.1475836176504332 arctan(1/2)/Pi
.1490279983517850 Gamma(0) of Conway
15.15426224147926 Exp(E)
1.543080634815243 Cosh(1)
1.584962500721156 log(3)/log(2)
1.609437912434100 log(5)
1.618033988749894 Golden ratio= (1+sqrt(5))/2 = phi
1.628160129718917 a Flajolet constant
1.636616323351260 Sum(1/(p*log(p)),p = prime)
1.644934066848226 Zeta(2)
1.705211140105367 Niven Constant
1.732050807568877 sqrt(3)
1.745405662407346 Khintchine Harmonic Constant
1.747564594633182 Madelung constant
1.763222834351896 1/W(1)
1.781072417990197 exp(gamma)
1.782213978191369 Grothendieck majorant
1.787231650182965 Komornik-Loreti constant
1.833772651680271 Solution of Zeta(x)=x

1. 837877066409345 log(2*Pi)
1. 839286755214161 Tribonacci Constant
1. 851937051982466 Gibbs constant : Si(Pi)
0. 1878596424620671 MRB Constant
0. 1923155168211845 gamma**3
0. 1945280494653251 Dubois-Raymond 2nd constant
19. 99909997918947 exp(Pi)-Pi
2. 078086921235027 1/log(phi)
. 2078795763507619 exp(-Pi/2)
. 2078862249773545 -Zeta(-1/2)
2. 193280050738015 exp(Pi/4)
2. 236067977499789 sqrt(5)
. 2245172519832320 gamma**E
22. 45915771836104 Pi**e
2. 302566137163630 a_Flajolet constant
2. 302585092994045 log(10)
23. 14069263277926 exp(Pi)
. 2357111317192329 Copeland-Erdos constant (prime numbers)
2. 428189792098870 product(1+1/n**3, n=1..infinity)
2. 449489742783178 sqrt(6)
2. 502907875095892 Feigenbaum alpha constant
0. 258819403792806 -Ai'(0) or 3**(-1/3)/Gamma(1/3)
2. 584981759579253 Sierpinski Constant
0. 261497212847642 Hadamard-de-la-Vallee-Poussin constant
2. 622057554292119 Lemniscate constant or Gauss constant
2. 645751311064590 sqrt(7)
2625374126407687 Ramanujan number : exp(Pi*sqrt(163))
2. 665144142690225 Gelfond-Schneider number : 2**sqrt(2)
2. 678938534707747 GAMMA(1/3)
2. 685452001065306 Khintchine constant
2. 718281828459045 exp(1)
2. 720699046351326 Pi/2*sqrt(3)
. 2801694990238691 Bernstein constant
2. 807770242028519 Fransen-Robinson constant
2. 82842712474619 sqrt(8)
2. 95576528565199 Tree-growth constant
. 3010299956639811 LOG10(2)
. 3036630028987326 Gauss-Kuzmin-Wirsing
. 3039635509270133 3/(Pi**2)
3. 141592653589793 Pi
3. 162277660168379 sqrt(10)
. 3183098861837906 1/Pi
3. 275822918721811 Levy constant
. 3331779238077186 gamma**2
3. 407069165627256 Magata Constant
0. 353236371854995 Hafner-Sarnak-McCurley Constant
0. 355028053887817 Ai(0) or 3**(-2/3)/Gamma(2/3)
3. 625609908221908 GAMMA(1/4)
. 3665129205816643 -log(log(2))

.3678794411714423	1/e
.3725074107813666	Real root of Ei(x)
.3739558136192022	Artin constant
.3920728981459733	1-6/(Pi*Pi)
3.922646139209151	-zeta(1,1/2)
.3989422804014326	1/sqrt(2*pi)
.4124540336401075	The Thue-Morse constant
.4146825098511116	Prime numbers coded in binary
.4342944819032518	1/log(10)
.4399240125710253	Second Tree-Growth constant
.4636476090008061	arctan(1/2)
4.669201609102990	Feigenbaum constant
.4749493799879206	Weierstrass constant
.4804530139182014	log(2)*log(2)
.4812118250596034	log(phi)
.5403023058681397	cos(1)
.5495393129816448	-log(gamma)
5.566316001780235	Gamma(1/6)
.5614594835668851	exp(-gamma)
.5671432904097838	W(1)
.5772156649015328	gamma or Euler constant
.5819486593172907	2nd order Landau-Ramanujan Constant
.5926327182016361	Lehmer constant
.5963473623231940	-exp(1)*Ei(-1)
.6045997880780726	sum(1/n/binomial(2*n,n),n=1..infinity)
.6243299885435508	Golomb constant
.6434105462883380	Cahen constant
6.580885991017920	The Froda constant : 2**E
0.06598803584531253	exp(-e)
.6601618158468695	Twin primes constant
.6617071822671762	Robbin's constant
.6627434193491815	Laplace Limit constant
.6922006275553463	(1/E)^(1/E)
.6931471805599453	log(2)
.6977746579640079	BesselI(1,2)/BesselI(0,2)
.7052301717918009	Sum of product of inverse of primes
.7098034428612913	Rabbit Constant
.7147827007912942	Traveling Salesman Constant
.7363998587187150	sum(1/binomial(2*n,n),n=1..infinity)
7.389056098930650	exp(2)
.7475979202534114	parking constant or Renyi constant
.7642236535892206	Landau-Ramanujan constant
.7945071927794792	Kolakoski Constant
.8116869215447793	a Flajolet constant
.8164215090218931	sum(1/2**(2**n),n=0..inf)
.8414709848078965	sin(1)
.8472130847939790	A.G.M. of (1,sqrt(2)/2)
.8660254037844386	sqrt(3)/2
.8711570464148937	a Flajolet constant

.8856031944108887 minimal point of GAMMA(x)
.9068996821171089 Pi/(2*sqrt(3))
.9159655941772190 Catalan constant
9.289025491920818 1/(One-ninth constant)
.9375482543158437 -Zeta'(2)
9.869604401089358 Pi*Pi

Here are links to full explanations of each of these constants (and more) to the
The Favorite Math Constants of Steven Finch of MathSoft Inc.

Well-known constants

- Pythagoras' constant, ... *Aug 3, 1998*
- Golden mean, ... *Aug 3, 1998*
- Natural logarithmic base, e . . . . *Mar 11, 1999*
- Archimedes' constant, ... *Sep 7, 1998*
- Euler-Mascheroni constant, ... *Feb 4, 1999*
- Apéry's constant, ... *Mar 11, 1999*
- Catalan's constant, G . . . . *Aug 11, 1998*
- Khintchine's constant . . . . *Mar 20, 1999*
- Feigenbaum constants . . . . *Apr 1, 1999*
- Madelung's constant . . . . *Mar 14, 1999*
- Chaitin's constant . . . . *Jul 17, 1997*

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- Hardy-Littlewood constants . . . . *Mar 29, 1999*
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- Euler gamma function constants . . . . *Dec 20, 1998*
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- Sierpinski's constant . . . . *Nov 13, 1998*
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- [Integer Chebyshev constant](#) . . . . *Mar 14, 1999*

Constants associated with Enumerating Discrete Structures

- [Abelian group enumeration constants](#) . . . . *Mar 8, 1999*

- [Pythagorean triple constants](#) . . . . *Dec 31, 1998*
- [Rényi's parking constants](#) . . . . *Aug 3, 1998*
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- [Hard square entropy constant](#) . . . . *Jan 26, 1999*
- [Binary search tree constants](#) . . . . *Aug 14, 1997*
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- [Gauss' lemniscate constant](#) . . . . *Mar 26, 1999*
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