

# Six most important math numbers 0, 1, $\pi$ , e, $\gamma$ , i.

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## The number e 2.718281828

The first number we will look at is the number “e” which very few people seem to know much about even though it affects our life every day. Even though “e” and “ $\pi$ ” are used all around us every day of our lives they are not needed or used directly by most of us. The effects of these numbers interacts with us from the car we drive and most of the things we touch or use around us, like a bridge we drive over and the building we work in. This number is used in banking interest rates, growth or decay of human’s, bacteria and other naturally occurring things. One of the most interesting equations is  $e^{i\pi} + 1 = 0$ , this equation uses 5 of the above 6 numbers, yes we could move the one to the other side of the equal sign and lose the 0 like the originally equation the 1 was on the right side and then moved to the left side, they most likely did it on purpose just to gain the 0 so please do not move the 1 although there is nothing wrong with the equation.

Roger Cotes in 1714 published 13 digits with all 13 published digits were correct. With 12 decimal digits after the decimal point which is the normal way to count numbers like PI or e, he must have including the first 2 to the left of the decimal point as part of his count. If he had calculated 15 digits using 17 terms which has 9 units error in the last digit with the last 2 digits in error and if he dropped the last three digits assuming they were bad which leaves the 12 digits which would have been correct, in fact with one digit to spare. Checking the calculation for 14 digits, using 16 terms which has 6 units error in the last digit with the last 3 digits in error, only 11 digits would have been correct. The 12 digits is enough accuracy for most pocket calculators in use today, they use 12 digits internally and only display 10 digits for the answer. We have had this value for past 300 years. Below are his 13 (12) published digits.  
2.718281 828459

Leonhard Euler in 1748, 34 years later, he published 23 digits with all the 23 published digits were correct. If he had calculated 25 digits using 24 terms which has 12 units error in the last digit and the last 2 digits in error. If he had dropped the last two digits which leaves 23 digits, all of them would have been correct. Checking the calculation for 24 digits using 24 terms which has 13 units error in the last digit with the last 2 digits in error this would have left only 22 digits correct, this would be no correct. This is one of the problems with anyone doing a calculation is how many digits should be dropped as they are on the leading edge with no way to check how many digits are correct, all you can do is just take a guest just how many digits to drop. A quote from Leonhard Euler “For the sake of brevity, we will always represent this number 2.718281828459... by the letter e”. Below are his 23 published digits.  
2.718281 828459 045235 36028

William Shanks in 1853, 105 years later, he published 137 digits with all the 137 published digits were correct. If he had done 140 digits using 90 terms which has 47 units error in the last digit, with the last 2 digits in error if he had dropped the last three digits he would have had this

correct value. By checking the calculation for the 139 digits which requires 90 terms and produces 41 unit's error in the last digit with the last 3 digits are in error. This would have only produced 136 correct digits, this would have not worked. When he calculated his 709 digits PI he was working with an alternating series which would cancel some of the accumulated error so he seemed to feel dropping only two digits while this series has only positive terms he may have felt he needed to three digits, I am only guessing at this. The bottom line is he did drop the correct number of digits see his published value below.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 04357

William Shanks in 1871, 18 years later, he published 205 digits with 187 digits being correct and the last 18 digits were in error. Below are the 205 incorrect and correct digits with the 18 digits underlined that were in error and should have been correct. If he had calculated 210 digits using 125 terms which has units 61 error in the last digit with the last 2 digits in error and if he planned to drop the last 5 digits he may have produced all correct published digits, his efforts did not work as planned. As others have stated for his PI calculation there is a limit to how many digits a "human computer" can do.

Here is his incorrect value with the last 18 digits bold underline numbers were in error.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 **748207 076730 493949 2+**

Here are the correct digits with the bold underlined digits that he should have produced.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 **753195 251019 011573 8**

J. Marcus Boorman in 1884, 13 years later, he published 346 digits with 223 correct and 123 in errors. If he had calculated 350 digits using 189 terms which has 95 units error in the last digit with the last 3 digits in error and if he planned to drop the last 4 digits he would have been good, which did not work to well for him also. In his document he stated he had 187 terms, but he started with the first two terms of 1 each he must have not counted which would have been the same as my value 189 terms. He noted that William Shanks only the first 187 digits agreed with his, and he noted there was an error in the last 18 digits. He did his calculation by combined 2 terms and then did the math in his mind it reduced the amount of math calculation needed to do. So much for making the math simpler he still had a large number of digits in error. His hand calculation still stands as the record as there seems to be no more hand calculations. Below is a direct quote from him.

“My compute agrees with the value above to 187 decimal places, and there can be no reasonable doubt that the value of e is correctly determined to that number of places; but beyond that point one of us is wrong—which one! As my value has been obtained by a double compute it would seem that there is little chance of error in it—especially as, after many trials. I am unable to obtain Mr., Shanks' 188 to 205 decimals, where we differ,—so at his can hardly be true.

My compute is preserved, and is at the service of any computer who may desire it for the purpose of comparison or verification.”

Little did he realize when he referred to the term “computer” he of course meant another person a “human computer” and not a machine called ENIAC 65 years in the future which was used to published 2010 correct digits. Back before 1946 people who did mathematically calculations was referred to as a computer just like today we call the machine as people no longer do mental math we are so depend on calculators to do the work for us.

Here is his incorrect value with the last 123 digits in bold and underline that were in error.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 **126949 379940 534631**  
**938198 725090 567362 515008 237715 275090 358667 692050 471557 585091**  
**929064 574886 005842 999346 594757 593710 043526 4800+**

Here are the 346 correct digits with the 123 bold and underline digits that he was to have.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 **149934 884167 509244**  
**761460 668082 264800 168477 411853 742345 442437 107539 077744 992069**  
**551702 761838 606261 331384 583000 752044 933826 5602**

After this point the computers took over, ENIAC used this calculation of the number “e” as a dry run for the latter calculation using 2040 digits for the number PI. They did published 2010 correct digits for the number “e” from an unknown number of calculated digits, the minimum would have to be 2013 digits with 2010 correct digits, 2015 or 2020 would most likely be picked and then they would have dropped the last five or possibility ten digits, it is also possible they did 2040 to match the number used for PI but stopped short and would have to dropped the last 30 digits, which was the same number of digits used to produce PI.

The number PI  $\pi$  3.1415926535

This number is covered very extensive in another section or my web site; see many other files at “engert.us/erwin/Miscellaneous.html”. For most students this number is first covered before

high school and they should know of this number and how it is use with circles. The last person to calculate PI by hand was William Shanks finishing his final work in 1873. This number is used in many other places in math and science. Along with the number “e” (2.718281828...) this is why these two number are needed for anything with a circle or anything that requires any stress analyses like to build cars, bridges and buildings, in reality almost everything around us. The whole field of trigonometry would not be in existence or work without the number PI  $\pi$ . This means there would not be any land surveying beyond what the Greeks and Egyptians were doing, remember even they had a value for PI. The lack of trigonometry would eliminate the type of roads and bridges like we are used to and take for granted every day. As a result we would be stuck with winding unimproved dirt roads created from walking paths just like when this country was started.

## The numbers 0 and 1

The numbers 0 and 1 are both found in all bases including base 10 and the most basic base 2. With the addition of the 0 the number system created the space holding position which was the problem with older numbering systems like the Roman and Babylon numbering systems. The number 1 is the next number and it is found in all bases, 1 is used to increment to the next number like 3 and then 4 like in base 10, the number 2 is written as 10 in base 2.

## The number $\gamma$ 0.5772156649

The next time you think that all infinity's are the same well here is a major example they are not. First series start with the sum of  $1 + 1/2 + 1/3 + 1/4 + 1/5 + 1/6 + 1/7 + 1/8 \dots$  which is greater than the simpler version  $1 + 1/2 + 1/4 + 1/4 + 1/8 + 1/8 + 1/8 + 1/8 \dots$  which can be simplified to  $1 + 1/2 + 1/2 + 1/2 \dots$  which is the same as an infinite number of 1/2 which is infinity so the first series is also infinite in size. The second part is the natural log sometimes written as “ln” and  $\ln(\text{infinity})$  is infinity so by logic the difference between the two infinity values by subtracting the  $\ln(\text{infinity})$  from the first sum infinity's should be 0: well no it is not rather the value is this a small number called gamma the Greek letter  $\gamma$  0.5772156649. I have taken the sum of the first 1,000,000 terms which has a sum a little over 14.392726 and has a  $\gamma$  value of .57721**61649** while 1,000,000,000 produces about 21.300481 and has a  $\gamma$  value of .57721566**55**, as you can see the sum has not gotten very far. This number is used extensively in number theory and calculus. Well so much for infinity logic, when it come to infinity most work with this number all logic go out the window. There is very little known about this number  $\gamma$  like is it irrational, the presently proof which has been contested as a bad proof and this number possibly may also be transcendental. William shanks also calculated this number and came up with in 1869 the following value he thought that 65 digits might be correct 0.57721 56649 01532 86060 65120 90082 40243 10421 59335 9399**5** 35988 05772 **02455 61942 00508 15825** the first 58 digits of 80 published digits were correct; the 5 must be a typo error should have been a 2. If you have not figured out William Shanks did not use the brute force method for his calculation but a more extensive method with a small portion of the series is required. He did calculate to 100 digits accuracy for the first 1000 reciprocals and he did have the natural logarithms for 2, 3, and 5 and from which he was able to produce the value for 10, from which

he could also produce the value for 1000.

The correct 110 digits are 0.57721 56649 01532 86060 65120 90082 40243 10421 59335 93992 35988 05767 23488 48677 26777 66467 09369 47063 29174 67495 14631 44724. In November 23, 1871 he expanded the results to 101 digits. His value was 0.57721 56649 01532 86060 65120 90082 40243 10421 59335 93992 35988 05767 23488 48677 26777 66467 09369 47063 29174 67495 11141 14421. You can find his work at “[rspl.royalsocietypublishing.org/content/20/130-138/27.full.pdf+html](http://rspl.royalsocietypublishing.org/content/20/130-138/27.full.pdf+html)”.

J. C. Adams in December 6, 1877 published 264 and 265 digits of which 261 digits were correct not the normal published number of 263 digits that he though were correct. The last block of digits were for the first 500 reciprocals was 5697 which was only 8 units in the last digit. The last digits based on the first 1000 reciprocals was 56961 while the correct digits should have been 57057. He did a very unbelievable job, this is the first time there was a double calculation to do a check, his comment this was a check for the logarithm also. Here is his direct quote from him “It will be seen that the two values found for E agree to 263 places of decimals, which supplies another independent verification of the value obtained for log 2.” This seems to be the end of the hand calculation for this number. Below are the correct first 300 digits with the error underlined and bold. See the next two lines for his last digits that were in error they are bold and underlined. His work can be found at “[rspl.royalsocietypublishing.org/content/27/185-189/88.full.pdf+html](http://rspl.royalsocietypublishing.org/content/27/185-189/88.full.pdf+html)”. If you want the main window, from here you can get to every book from 1800 up to 1905, see “[rspl.royalsocietypublishing.org/content/by/year](http://rspl.royalsocietypublishing.org/content/by/year)”

Euler's Constant to 300 digits the bold and underlined portion is the bad part of his two calculations.

.57721 56649 01532 86060 65120 90082 40243 10421 59335 93992  
35988 05767 23488 48677 26777 66467 09369 47063 29174 67495  
14631 44724 98070 82480 96050 40144 86542 83622 41739 97644  
92353 62535 00333 74293 73377 37673 94279 25952 58247 09491  
60087 35203 94816 56708 53233 15177 66115 28621 19950 15079  
84793 74508 57057 40029 92135 47861 46694 02960 43254 21519

These are the last digits of his two you can see how he though the “569” were correct and he thought that he had 263 correct digits. This is just another example how many digits are correct even though two calculations agree they may not be correct. This was the first example of a double calculation as a check on the work on calculation of a number, the next one I have found was in 1946. His only fault was he assumed the numbers that matched were correct but they were not.

84793 74508 5697 the last 14 digits for his 500 reciprocals  
84793 74508 56961 the last 15 digits for his 1000 reciprocals

The number  $i$  square root of  $-1$

This number is not the normal concept of a number like 1, 2 or 3. It is more of a concept, there is a problem that you cannot take the square root of a negative number. To fix this problem a new number was introduced “i” is set to the square root of -1. You first must extract the -1 from the number and then take the square root of the positive number, and use the new definition the letter “i”. As an example to take the square root of -4 first convert it to  $4 * -1$  and then take the square root of each part like this the square root of 4 times the square root of -1 which is written as  $2i$ , this is an imaginary number. By adding a normal number like 3 which is called a real number the two number together forms the next type of number called a complex number like this  $3 + 2i$ . Any of you who remember the quadratic equation from High School and tried to solve your own equations, not the ones from the book which made sure you would never run in to this type of problem well here is the solution the missing numbers. One problem using i was what is the value  $i^i$  (i raised to the i power) it turns out the value is  $e^{-\pi/2} = 0.20787957635\dots$ , this value is one of those special numbers which we know very little about like is it irrational and possibly may also be transcendental.

## About other numbers and extra side notes

How do you figure number of digits are dropped from a calculation, as an example for 1575 digits of “e” requiring 659 terms producing 341 units error in the last digit which has caused the last 7 digits to be in error, last digits are 1999772 and should have been 2000113. This is a very good sample of what I am talking about, just how many digits do you need to have to calculate extra to produce the desired correct answer, it is not until more digits are known can the correct digits be known. A very good example is ENIAC's calculation of PI they calculated 2040 digits but only published 2035 digits, later after NORC calculated 3093 digits, it was found that the correct digits turned out to be 2037 digits which is the normal value published as the “calculated value”, which is a wrong terminology, rather than the correct number of digits, not as the calculate number of digits which still stands as 2040 digits. It is this domino effect, in this case with the number “e” there were three 0 in a row, in the number PI at the 768 digits position there are six 9's which caused an 8 digits in error this also produced a similar effect.

Although PI has been around for thousands of years and “e” has only a 300+ year history, the number “e” was first to be proved irrational in 1737 and latter in 1873 it was proved to be transcendental, while PI was proved irrational in 1761 and “e” was the bases to prove pi was transcendental in 1882. So much for being first on the scene for being the first to prove what kind of number it is like irrational or transcendental.

As a side note; that with the end of the 1800's the “hand calculations” seems to come to an end, I have not found any efforts to do a hand calculation in the 1900's. In 1940 the calculation of PI started up using a desk calculator and finally in 1949 the computers took over. For the fun of it, with a purpose in mind I have calculated 100 digits of PI by hand, it took 108 pages. I used the results to figure out how many sheets of paper it may have taken William Shanks for his 709 digits calculation. I have also done 10, 15, 20 and 40 digits by hand, based on the results from these calculations he may have taken about 5400 pieces of papers. Remember this was only one of his projects over a 20 year period; it must have cost him lots money just for paper and the

publication of his 1853 book. Of course I am making assumptions that he used paper my size and packed his digits to the same density no matter what there was a large expense. The “comptometer” was the first commercially successful key-driven mechanical calculator, patented in the USA by Dorr E. Felt in 1887, this was a large improvement over the 1851 “Arithmometer“. If you note the “comptometer” coincides with the end of the hand calculations. The calculation of the number PI was place on the back burner until 1940 and the answer was published in 1946 which showed William Shanks error. The next calculation for the number “e” had to wait until 1949 for ENIAC calculation. In 1963 I met a “human computer” he could add a column of number just by sliding his finger down the column and writing the correct answer at the bottom. After his demonstration I asked him if he has always been this fast, he told me that he started to use an adding machine and he noticed that he was starting to slow down. About this same time I bought my first paper tape mechanical calculator, yes it was not an electronic calculator like most people are use today with the four basic math functions, rather a plug in mechanical adding machine could only do addition and subtraction, multiplication was done by repeating add with a shift to do the next step of the multiplication, you can find them on eBay. The only thing about it electrical was the electrical motor which was use to mechanically add and print on the paper tape.

One of the things I noted in 1973 while playing with my new HP 35 pocket calculator that  $e^{\pi}$  and  $\pi^e$  values were very close to each other. The values of the two numbers are 23.14069263 and 22.45915771 you can see how close these two numbers are. A new value to me is the relation someone else has found is  $e^{\pi} - \pi = 19.999099979$ , not bad for a number close to 20, I never saw the almost PI value sitting in the one number.

Here is my own collection of similar values. Some of these are as accurate as the one above. This was a search up to powers of 1 to 20 on both values and looking at all four math operations. I am sure by expanding the search there are many other values that can produce some similar results.

A larger expanded search with at least 5 0’s or 5 9’s except for the first few.

Powers of PI and e which produces near integers results.

$10 * e^8 / \pi^9 =$	1.0000161205
$100 * e^{16} / \pi^{18} =$	1.0000322412
$9 * e^{31} / \pi^{29} =$	1.0000578894
$90 * e^{39} / \pi^{38} =$	1.0000740108
$\pi^{18} / (e^{16} * 50) =$	1.9999355196
$\pi^9 / (e^8 * 5) =$	1.9999677596
$20 * e^8 / \pi^9 =$	2.0000322410
$30 * e^8 / \pi^9 =$	3.0000483614
$40 * e^8 / \pi^9 =$	4.0000644819
$\pi^9 / (e^8 * 2) =$	4.9999193989
$50 * e^8 / \pi^9 =$	5.0000806024
$60 * e^8 / \pi^9 =$	6.0000967229
$59 * \pi^6 / e^9 =$	7.0000462698
$71 * \pi^{22} / e^{24} =$	231.9999986223
$\pi^4 + 21 * \pi^4 =$	2143.0000027481
$23 * \pi^4 - \pi^4 =$	2143.0000027481

pi^4+43*PI^4=	4286.0000054961
45*PI^4-pi^4=	4286.0000054961
pi^4+65*PI^4=	6429.0000082442
67*PI^4-pi^4=	6429.0000082442
18*e^6-e=	7259.0000010408
e^9-21*e=	8046.0000091777
e^11-58*PI^5=	42124.9999976515
pi^13+81*e^10=	4687820.9999926274
85*e^12-pi^13=	10930480.0000020499
e^22-10*e^5=	3584911362.0000005359
pi^21+73*e^9=	27552223368.0000020733
pi^22+84*e^6=	86556038079.9999949123
51*PI^24/e^5=	293558534695.0000015648
15*PI^21-pi^9=	413274447834.0000026072
pi^24+13*e^3=	854273520175.0000021883
pi^25+42*e^8=	2683779539518.0000047625
46*PI^22-e^11=	3981576132956.9999948377
e^27+99*e^25=	7660533275002.9999965757
e^30+11*e^8=	10686474614315.0000044495
pi^28-78*PI^15=	83211771733843.9999967584
59*e^33/PI^4=	130008103688684.0000070472
e^33+30*PI^19=	214727326704403.9999912565
e^4+8*e^31=	232390797322033.9999987186
pi^28+6*e^33=	1371075485784726.0000064243
PI^18*e^10*80=	1565786392569306.9999946922
pi^31+98*e^5=	2580156526879502.9999960898
pi^31+63*PI^18=	2580212507556351.9999970196
e^36+43*PI^11=	4311231559765967.9999907180
e^36+6*e^30=	4375350394604341.9999953651
44*e^33-e^24=	9444291021458176.9999968074
e^38-75*PI^2=	31855931757113015.9999985900
64*e^34-e^20=	37341551036591916.9999954970
e^39+95*e^18=	86593406661690815.0000054909
pi^15+51*PI^31=	131587982898771029.9999939029
pi^37-90*PI^23=	2480510129527140355.0000053018
pi^38-14*PI^23=	7792825477762426345.0000075550
24*PI^36-e^22=	18949888485564715499.9999943492
pi^37+97*e^40=	25312905485851699365.0000021327
46*PI^36-e^3=	36320619604203454310.0000027394
21*PI^39-e^28=	514119798414719784856.0000057154
PI^39*e^9*81=	16068686993106767942399022.9999969953

Side note there are many other math and science numbers not covered by this document, where does one cut off. The one number I had wanted to add was the golden ratio 1.6180339887 which is known as phi or  $\Phi$ , the only calculation I could find was by Michael Maestlin in 1597 and it does not state how many digits it was for, it may have been "0.6180340 ". This number does some neat things like  $1/\Phi = \Phi - 1 = 0.6180339887$  this is why sometime you will find either one of these two numbers and will be called by the same name also  $\Phi * \Phi = \Phi + 1 = 2.6180339887$ . Note the algebraic equation is of the form  $X * X - X - 1 = 0$  which has the roots  $1/\Phi$  and  $\Phi$  replace the numerical in the equation. Note how the decimal part is the same in all three numbers. This number much like PI has been around for thousands of years. The Greeks used it by mechanical method to construct the length and not using numbers. If you know much about art you should be familiar with this number, little things like the Great pyramids and the Parthenon and artist like Michelangelo, Rembrandt, and many more, there work is involved with this number.



## Hand calculation e from 5 through 500 or 2050 digits

The following pages are a sample of the results calculating using a program to simulate hand calculation with the results in the number and units of error affecting the last number and the number of last digits in error. One thing to note is the unit digits of error keeps increasing with more digits of calculation. The equation used is  $1/0! + 1/1! + 1/2! + 1/3! + 1/4! \dots$  where  $4!$  factorial which equals  $1 * 2 * 3 * 4$  which equals 24. By the way the  $0!$  is by definition set to 1 just like  $1!$  is also 1. Because the expansion series just does addition, all the errors just keep adding to make the units of error increase in the last digit. The error is very closely related to one half of the number of terms. Looking at 500 digits, there are 253 terms, producing 128 units error in the last digit, while 1000 digits there are 449 terms producing 238 units error in the last digit. Increasing to 2000 digits there are 807 terms, producing 411 units error in the last digit, note the numbers 807 and 411 is very close to one half as stated before, each term produces a half digit rounded down the next digit fraction, if you look at the following calculations. This is a small sample up to a max of 2050 digits and must be explored out further. Most of what I have written above would not be possible without the use of my program that allows me to calculate values of "e" just like a person doing it by hand.

For most people who do programming and use the extended math package like the one called "GNU Multiple Precision Arithmetic Library" or others which is available with many different programming languages you cannot do the correct decimal calculation with the digits in error, try it and check your results with mine? The problem with the GNU is that it is binary and not decimal like humans use and the calculation extends beyond the required accuracy, you can not set it to say 98 digits you can print a set number of digits from more. For your information I have calculated PI to 100 digits by hand it took 108 pages and that result agreed with the results of my PI program which has the same core program as my "e" program. A good example of the problem can be seen at the web site "[mathforum.org/dr.math/faq/faq.e.html](http://mathforum.org/dr.math/faq/faq.e.html)". Note when doing hand calculation you do not round up the value as they did in the example 13 times. You just simply truncate the answer as this works to your advantage, if you want to expand your calculation in the future you do not reinvent the wheel and start all over. In the above mentioned example they did a 25 digit calculation and ended up with an answer one unit above than it should be and said it was correct. There were 13 terms that were rounded up by one unit and the extra unit also came in the last calculation which placed the total over the correct value. Their value was "2.7182818284590452353602875" and should have been one unit less at "2.7182818284590452353602874"; by the way the 26<sup>th</sup> digit is a 7 which would cause a round up only if you know the extra digit. Because the answers were round up by one unit they must have had extra digits beyond the 25 digits before the term was printed which is very common when doing extended math calculation. In the last division they had a value of 16 and it needed to be divide by 25 which should have been a 0 for 25 digits and not the incorrect answer of 1, yes if you do extra digits which allows you to do auto round up the answer would become a 1. The same effect was in the 22 digit answer which was their goal for doing the calculation; it ended up being rounded up by 1 unit in the last digit too. This is what I am talking about in a hand calculation you do not have the next digit to work with so you cannot round up and should

never do. If you create a program it needs to have the same results as a hand calculation would do. The following listing is the values they should have produced the +1 at the end of the 13 lines is where the round up should have not occurred. As a justification of my statements, when William Shanks published his 707 digits of his 709 digits calculated value of PI the last two digits that were dropped was 92 and he did not use them to round up. For his 609 digits he also dropped the last two digits which were only 08 which had no effect. In his book he listed all the terms for his 530 digit calculation of PI and he also did not round up the terms. I can think of two methods that may just work correctly if some one with extended math package would like to try it.

I did the following hand calculation for 25 digits in 3 hours; it took seven pages for the total calculation. I have placed the scanned pages on my web site for your viewing at ["engert.us/erwin/miscellaneous/Hand calculation number e.pdf"](http://engert.us/erwin/miscellaneous/Hand%20calculation%20number%20e.pdf). In a similar location my 20, 40 and 100 hand digits calculation of PI can be found at the more general location ["engert.us/erwin/miscellaneous.html"](http://engert.us/erwin/miscellaneous.html)

$1/0! = 1.00000\ 00000\ 00000\ 00000\ 00000$   
 $1/1! = 1.00000\ 00000\ 00000\ 00000\ 00000$   
 $1/2! = 0.50000\ 00000\ 00000\ 00000\ 00000$   
 $1/3! = 0.16666\ 66666\ 66666\ 66666\ 66666 + 1$   
 $1/4! = 0.04166\ 66666\ 66666\ 66666\ 66666 + 1$   
 $1/5! = 0.00833\ 33333\ 33333\ 33333\ 33333$   
 $1/6! = 0.00138\ 88888\ 88888\ 88888\ 88888 + 1$   
 $1/7! = 0.00019\ 84126\ 98412\ 69841\ 26984$   
 $1/8! = 0.00002\ 48015\ 87301\ 58730\ 15873$   
 $1/9! = 0.00000\ 27557\ 31922\ 39858\ 90652 + 1$   
 $1/10! = 0.00000\ 02755\ 73192\ 23985\ 89065$   
 $1/11! = 0.00000\ 00250\ 52108\ 38544\ 17187 + 1$   
 $1/12! = 0.00000\ 00020\ 87675\ 69878\ 68098 + 1$   
 $1/13! = 0.00000\ 00001\ 60590\ 43836\ 82161$   
 $1/14! = 0.00000\ 00000\ 11470\ 74559\ 77297$   
 $1/15! = 0.00000\ 00000\ 00764\ 71637\ 31819 + 1$   
 $1/16! = 0.00000\ 00000\ 00047\ 79477\ 33238 + 1$   
 $1/17! = 0.00000\ 00000\ 00002\ 81145\ 72543$   
 $1/18! = 0.00000\ 00000\ 00000\ 15619\ 20696 + 1$   
 $1/19! = 0.00000\ 00000\ 00000\ 00822\ 06352$   
 $1/20! = 0.00000\ 00000\ 00000\ 00041\ 10317 + 1$   
 $1/21! = 0.00000\ 00000\ 00000\ 00001\ 95729$   
 $1/22! = 0.00000\ 00000\ 00000\ 00000\ 08896 + 1$   
 $1/23! = 0.00000\ 00000\ 00000\ 00000\ 00386 + 1$   
 $1/24! = 0.00000\ 00000\ 00000\ 00000\ 00016$   
 $1/25! = 0.00000\ 00000\ 00000\ 00000\ 00000 + 1$

$e = 2.71828\ 18284\ 59045\ 23536\ 02862$

This is the correct sum that they should have produced if they were doing the work correctly

and matched these 25 digits with the 12 unit error in the last digit.

Here are the results from 5 digits up to 500 digits with the “e” value.

2.71824

e with 5 digits, 8 terms, 4 units error, with last 1 digits in error, last digits are 271824 should be 271828 .

2.718277

e with 6 digits, 9 terms, 4 units error, with last 2 digits in error, last digits are 18277 should be 18281 .

2.718281 4

e with 7 digits, 10 terms, 4 units error, with last 1 digits in error, last digits are 27182814 should be 27182818 .

2.718281 78

e with 8 digits, 11 terms, 4 units error, with last 2 digits in error, last digits are 1828178 should be 1828182 .

2.718281 823

e with 9 digits, 12 terms, 5 units error, with last 1 digits in error, last digits are 8281823 should be 8281828 .

2.718281 8277

e with 10 digits, 13 terms, 7 units error, with last 2 digits in error, last digits are 2818277 should be 2818284 .

2.718281 82840

e with 11 digits, 14 terms, 5 units error, with last 1 digits in error, last digits are 8182840 should be 8182845 .

2.718281 828452

e with 12 digits, 14 terms, 7 units error, with last 1 digits in error, last digits are 1828452 should be 1828459 .

2.718281 828458 3

e with 13 digits, 15 terms, 7 units error, with last 2 digits in error, last digits are 8284583 should be 8284590 .

2.718281 828458 98

e with 14 digits, 16 terms, 6 units error, with last 3 digits in error, last digits are 2845898 should be 2845904 .

2.718281 828459 036

e with 15 digits, 17 terms, 9 units error, with last 2 digits in error, last digits are 8459036 should be 8459045 .

2.718281 828459 0442

e with 16 digits, 18 terms, 10 units error, with last 2 digits in error, last digits are 4590442 should be 4590452 .

2.718281 828459 04512

e with 17 digits, 18 terms, 11 units error, with last 2 digits in error, last digits are 5904512 should be 5904523 .

2.718281 828459 045226

e with 18 digits, 19 terms, 9 units error, with last 2 digits in error, last digits are 9045226 should be 9045235 .

2.718281 828459 045234 3

e with 19 digits, 20 terms, 10 units error, with last 2 digits in error, last digits are 452343 should be 452353 .

2.718281 828459 045235 26

e with 20 digits, 21 terms, 10 units error, with last 2 digits in error, last digits are 4523526 should be 4523536 .

2.718281 828459 045235 350  
e with 21 digits, 21 terms, 10 units error, with last 2 digits in error, last digits are 5235350 should be 5235360 .

2.718281 828459 045235 3592  
e with 22 digits, 22 terms, 10 units error, with last 3 digits in error, last digits are 2353592 should be 2353602 .

2.718281 828459 045235 36015  
e with 23 digits, 23 terms, 13 units error, with last 2 digits in error, last digits are 3536015 should be 3536028 .

2.718281 828459 045235 360274  
e with 24 digits, 24 terms, 13 units error, with last 2 digits in error, last digits are 5360274 should be 5360287 .

2.718281 828459 045235 360286 2  
e with 25 digits, 24 terms, 12 units error, with last 2 digits in error, last digits are 3602862 should be 3602874 .

2.718281 828459 045235 360287 36  
e with 26 digits, 25 terms, 11 units error, with last 2 digits in error, last digits are 6028736 should be 6028747 .

2.718281 828459 045235 360287 457  
e with 27 digits, 26 terms, 14 units error, with last 2 digits in error, last digits are 287457 should be 287471 .

2.718281 828459 045235 360287 4700  
e with 28 digits, 26 terms, 13 units error, with last 2 digits in error, last digits are 2874700 should be 2874713 .

2.718281 828459 045235 360287 47123  
e with 29 digits, 27 terms, 12 units error, with last 2 digits in error, last digits are 8747123 should be 8747135 .

2.718281 828459 045235 360287 471339  
e with 30 digits, 28 terms, 13 units error, with last 2 digits in error, last digits are 7471339 should be 7471352 .

2.718281 828459 045235 360287 471351 4  
e with 31 digits, 29 terms, 12 units error, with last 2 digits in error, last digits are 4713514 should be 4713526 .

2.718281 828459 045235 360287 471352 53  
e with 32 digits, 29 terms, 13 units error, with last 2 digits in error, last digits are 7135253 should be 7135266 .

2.718281 828459 045235 360287 471352 649  
e with 33 digits, 30 terms, 13 units error, with last 2 digits in error, last digits are 1352649 should be 1352662 .

2.718281 828459 045235 360287 471352 6606  
e with 34 digits, 31 terms, 18 units error, with last 2 digits in error, last digits are 3526606 should be 3526624 .

2.718281 828459 045235 360287 471352 66232  
e with 35 digits, 31 terms, 17 units error, with last 2 digits in error, last digits are 5266232 should be 5266249 .

2.718281 828459 045235 360287 471352 662481  
e with 36 digits, 32 terms, 16 units error, with last 2 digits in error, last digits are 2662481 should be 2662497 .

2.718281 828459 045235 360287 471352 662496 4  
e with 37 digits, 33 terms, 13 units error, with last 2 digits in error, last digits are 6624964 should be 6624977 .

2.718281 828459 045235 360287 471352 662497 59  
e with 38 digits, 33 terms, 16 units error, with last 2 digits in error, last digits are 6249759 should be 6249775 .

2.718281 828459 045235 360287 471352 662497 738  
e with 39 digits, 34 terms, 19 units error, with last 2 digits in error, last digits are 2497738 should be 2497757 .

2.718281 828459 045235 360287 471352 662497 7552  
e with 40 digits, 34 terms, 20 units error, with last 2 digits in error, last digits are 4977552 should be 4977572 .

2.718281 828459 045235 360287 471352 662497 75705  
e with 41 digits, 35 terms, 19 units error, with last 2 digits in error, last digits are 9775705 should be 9775724 .

2.718281 828459 045235 360287 471352 662497 757231  
e with 42 digits, 36 terms, 16 units error, with last 2 digits in error, last digits are 7757231 should be 7757247 .

2.718281 828459 045235 360287 471352 662497 757245 3  
e with 43 digits, 36 terms, 17 units error, with last 2 digits in error, last digits are 7572453 should be 7572470 .

2.718281 828459 045235 360287 471352 662497 757246 91  
e with 44 digits, 37 terms, 18 units error, with last 3 digits in error, last digits are 5724691 should be 5724709 .

2.718281 828459 045235 360287 471352 662497 757247 074  
e with 45 digits, 38 terms, 19 units error, with last 2 digits in error, last digits are 7247074 should be 7247093 .

2.718281 828459 045235 360287 471352 662497 757247 0919  
e with 46 digits, 38 terms, 17 units error, with last 2 digits in error, last digits are 2470919 should be 2470936 .

2.718281 828459 045235 360287 471352 662497 757247 09352  
e with 47 digits, 39 terms, 17 units error, with last 2 digits in error, last digits are 4709352 should be 4709369 .

2.718281 828459 045235 360287 471352 662497 757247 093683  
e with 48 digits, 40 terms, 16 units error, with last 2 digits in error, last digits are 7093683 should be 7093699 .

2.718281 828459 045235 360287 471352 662497 757247 093698 4  
e with 49 digits, 40 terms, 15 units error, with last 2 digits in error, last digits are 936984 should be 936999 .

2.718281 828459 045235 360287 471352 662497 757247 093699 78  
e with 50 digits, 41 terms, 17 units error, with last 2 digits in error, last digits are 9369978 should be 9369995 .

2.718281 828459 045235 360287 471352 662497 757247 093699 940  
e with 51 digits, 41 terms, 19 units error, with last 2 digits in error, last digits are 3699940 should be 3699959 .

2.718281 828459 045235 360287 471352 662497 757247 093699 9574  
e with 52 digits, 42 terms, 21 units error, with last 2 digits in error, last digits are 6999574 should be 6999595 .

2.718281 828459 045235 360287 471352 662497 757247 093699 95936  
e with 53 digits, 43 terms, 21 units error, with last 2 digits in error, last digits are 9995936 should be 9995957 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959554  
e with 54 digits, 43 terms, 20 units error, with last 2 digits in error, last digits are 9959554 should be 9959574 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959572 9

e with 55 digits, 44 terms, 20 units error, with last 2 digits in error, last digits are 9595729 should be 9595749 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 75

e with 56 digits, 44 terms, 21 units error, with last 2 digits in error, last digits are 5957475 should be 5957496 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 944

e with 57 digits, 45 terms, 22 units error, with last 2 digits in error, last digits are 9574944 should be 9574966 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 9646

e with 58 digits, 46 terms, 23 units error, with last 2 digits in error, last digits are 5749646 should be 5749669 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 96673

e with 59 digits, 46 terms, 23 units error, with last 2 digits in error, last digits are 7496673 should be 7496696 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966943

e with 60 digits, 47 terms, 24 units error, with last 2 digits in error, last digits are 4966943 should be 4966967 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966965

2

e with 61 digits, 47 terms, 24 units error, with last 2 digits in error, last digits are 9669652 should be 9669676 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

40

e with 62 digits, 48 terms, 22 units error, with last 2 digits in error, last digits are 6696740 should be 6696762 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

601

e with 63 digits, 49 terms, 26 units error, with last 2 digits in error, last digits are 6967601 should be 6967627 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

6254

e with 64 digits, 49 terms, 23 units error, with last 2 digits in error, last digits are 9676254 should be 9676277 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

62747

e with 65 digits, 50 terms, 25 units error, with last 2 digits in error, last digits are 6762747 should be 6762772 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

627699

e with 66 digits, 50 terms, 25 units error, with last 3 digits in error, last digits are 7627699 should be 7627724 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

627722 0

e with 67 digits, 51 terms, 20 units error, with last 2 digits in error, last digits are 6277220 should be 6277240 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

627723 86

e with 68 digits, 52 terms, 21 units error, with last 3 digits in error, last digits are 2772386 should be 2772407 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

627724 050

e with 69 digits, 52 terms, 26 units error, with last 2 digits in error, last digits are 7724050 should be 7724076 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 0739  
e with 70 digits, 53 terms, 27 units error, with last 2 digits in error, last digits are 7240739 should be 7240766 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 07632  
e with 71 digits, 53 terms, 31 units error, with last 2 digits in error, last digits are 2407632 should be 2407663 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076601  
e with 72 digits, 54 terms, 29 units error, with last 2 digits in error, last digits are 4076601 should be 4076630 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076627 7  
e with 73 digits, 54 terms, 26 units error, with last 3 digits in error, last digits are 766277 should be 766303 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 06  
e with 74 digits, 55 terms, 29 units error, with last 2 digits in error, last digits are 7663006 should be 7663035 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 325  
e with 75 digits, 56 terms, 28 units error, with last 2 digits in error, last digits are 6630325 should be 6630353 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 3508  
e with 76 digits, 56 terms, 27 units error, with last 2 digits in error, last digits are 6303508 should be 6303535 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 35328  
e with 77 digits, 57 terms, 26 units error, with last 2 digits in error, last digits are 3035328 should be 3035354 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353518  
e with 78 digits, 57 terms, 29 units error, with last 2 digits in error, last digits are 353518 should be 353547 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353544 9  
e with 79 digits, 58 terms, 26 units error, with last 2 digits in error, last digits are 3535449 should be 3535475 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 29  
e with 80 digits, 58 terms, 30 units error, with last 2 digits in error, last digits are 5354729 should be 5354759 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 565  
e with 81 digits, 59 terms, 29 units error, with last 2 digits in error, last digits are 3547565 should be 3547594 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 5915  
e with 82 digits, 60 terms, 30 units error, with last 2 digits in error, last digits are 5475915 should be 5475945 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 59429  
e with 83 digits, 60 terms, 28 units error, with last 2 digits in error, last digits are 4759429 should be 4759457 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594542  
e with 84 digits, 61 terms, 29 units error, with last 2 digits in error, last digits are 7594542 should be 7594571 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594568 1  
e with 85 digits, 61 terms, 32 units error, with last 3 digits in error, last digits are 5945681 should be 5945713 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 11  
e with 86 digits, 62 terms, 27 units error, with last 2 digits in error, last digits are 9457111 should be 9457138 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 352  
e with 87 digits, 62 terms, 30 units error, with last 2 digits in error, last digits are 4571352 should be 4571382 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 3792  
e with 88 digits, 63 terms, 29 units error, with last 3 digits in error, last digits are 5713792 should be 5713821 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 38185  
e with 89 digits, 63 terms, 32 units error, with last 3 digits in error, last digits are 7138185 should be 7138217 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382143  
e with 90 digits, 64 terms, 35 units error, with last 2 digits in error, last digits are 1382143 should be 1382178 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382175 2  
e with 91 digits, 65 terms, 33 units error, with last 2 digits in error, last digits are 3821752 should be 3821785 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 26  
e with 92 digits, 65 terms, 26 units error, with last 2 digits in error, last digits are 8217826 should be 8217852 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 492  
e with 93 digits, 66 terms, 33 units error, with last 3 digits in error, last digits are 2178492 should be 2178525 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 5218  
e with 94 digits, 66 terms, 33 units error, with last 2 digits in error, last digits are 1785218 should be 1785251 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 52481  
e with 95 digits, 67 terms, 35 units error, with last 3 digits in error, last digits are 7852481 should be 7852516 .



2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525131  
e with 96 digits, 67 terms, 35 units error, with last 2 digits in error, last digits are 8525131 should be 8525166 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525163 5  
e with 97 digits, 68 terms, 29 units error, with last 2 digits in error, last digits are 5251635 should be 5251664 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 07  
e with 98 digits, 68 terms, 35 units error, with last 2 digits in error, last digits are 2516607 should be 2516642 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 394  
e with 99 digits, 69 terms, 33 units error, with last 3 digits in error, last digits are 5166394 should be 5166427 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 4238  
e with 100 digits, 69 terms, 36 units error, with last 2 digits in error, last digits are 1664238 should be 1664274 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 42708  
e with 101 digits, 70 terms, 34 units error, with last 2 digits in error, last digits are 6642708 should be 6642742 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427392  
e with 102 digits, 71 terms, 35 units error, with last 3 digits in error, last digits are 6427392 should be 6427427 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427424 0  
e with 103 digits, 71 terms, 34 units error, with last 2 digits in error, last digits are 4274240 should be 4274274 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 12  
e with 104 digits, 72 terms, 34 units error, with last 2 digits in error, last digits are 2742712 should be 2742746 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 431  
e with 105 digits, 72 terms, 35 units error, with last 2 digits in error, last digits are 7427431 should be 7427466 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 4629  
e with 106 digits, 73 terms, 34 units error, with last 2 digits in error, last digits are 4274629 should be 4274663 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 46601  
e with 107 digits, 73 terms, 38 units error, with last 2 digits in error, last digits are 2746601 should be 2746639 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466357  
e with 108 digits, 74 terms, 34 units error, with last 2 digits in error, last digits are 7466357 should be 7466391 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466388 1  
e with 109 digits, 74 terms, 38 units error, with last 3 digits in error, last digits are 4663881 should be 4663919 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 56  
e with 110 digits, 75 terms, 37 units error, with last 2 digits in error, last digits are 6639156 should be 6639193 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 897  
e with 111 digits, 75 terms, 35 units error, with last 3 digits in error, last digits are 6391897 should be 6391932 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 9281  
e with 112 digits, 76 terms, 39 units error, with last 3 digits in error, last digits are 3919281 should be 3919320 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 93163  
e with 113 digits, 76 terms, 37 units error, with last 3 digits in error, last digits are 9193163 should be 9193200 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 931964  
e with 114 digits, 77 terms, 39 units error, with last 4 digits in error, last digits are 1931964 should be 1932003 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 931999 2  
e with 115 digits, 77 terms, 38 units error, with last 5 digits in error, last digits are 9319992 should be 9320030 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932002 67  
e with 116 digits, 78 terms, 38 units error, with last 3 digits in error, last digits are 3200267 should be 3200305 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 016  
e with 117 digits, 79 terms, 43 units error, with last 2 digits in error, last digits are 2003016 should be 2003059 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 0558  
e with 118 digits, 79 terms, 41 units error, with last 2 digits in error, last digits are 30558 should be 30599 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 05953  
e with 119 digits, 80 terms, 39 units error, with last 2 digits in error, last digits are 305953 should be 305992 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059882  
e with 120 digits, 80 terms, 39 units error, with last 3 digits in error, last digits are 3059882 should be 3059921 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059918

e with 121 digits, 81 terms, 37 units error, with last 3 digits in error, last digits are 599181 should be 599218 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
45

e with 122 digits, 81 terms, 36 units error, with last 2 digits in error, last digits are 5992145 should be 5992181 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
780

e with 123 digits, 82 terms, 37 units error, with last 3 digits in error, last digits are 9921780 should be 9921817 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
8134

e with 124 digits, 82 terms, 40 units error, with last 2 digits in error, last digits are 9218134 should be 9218174 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
81699

e with 125 digits, 83 terms, 42 units error, with last 3 digits in error, last digits are 2181699 should be 2181741 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817374

e with 126 digits, 83 terms, 39 units error, with last 3 digits in error, last digits are 1817374 should be 1817413 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817409 1

e with 127 digits, 84 terms, 44 units error, with last 3 digits in error, last digits are 8174091 should be 8174135 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 11

e with 128 digits, 84 terms, 48 units error, with last 2 digits in error, last digits are 1741311 should be 1741359 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 549

e with 129 digits, 85 terms, 47 units error, with last 2 digits in error, last digits are 7413549 should be 7413596 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 5925

e with 130 digits, 85 terms, 41 units error, with last 2 digits in error, last digits are 4135925 should be 4135966 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 59616

e with 131 digits, 86 terms, 46 units error, with last 2 digits in error, last digits are 1359616 should be 1359662 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596588

e with 132 digits, 86 terms, 41 units error, with last 3 digits in error, last digits are 3596588 should be 3596629 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596624 5

e with 133 digits, 87 terms, 45 units error, with last 2 digits in error, last digits are 5966245 should be 5966290 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596628 61

e with 134 digits, 87 terms, 43 units error, with last 3 digits in error, last digits are 9662861 should be 9662904 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 002

e with 135 digits, 88 terms, 41 units error, with last 2 digits in error, last digits are 6629002 should be 6629043 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 0387

e with 136 digits, 88 terms, 48 units error, with last 3 digits in error, last digits are 6290387 should be 6290435 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 04309

e with 137 digits, 89 terms, 48 units error, with last 2 digits in error, last digits are 2904309 should be 2904357 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043525

e with 138 digits, 89 terms, 47 units error, with last 2 digits in error, last digits are 9043525 should be 9043572 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043568 8

e with 139 digits, 90 terms, 41 units error, with last 3 digits in error, last digits are 435688 should be 435729 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 43

e with 140 digits, 90 terms, 47 units error, with last 2 digits in error, last digits are 4357243 should be 4357290 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 852

e with 141 digits, 91 terms, 48 units error, with last 3 digits in error, last digits are 3572852 should be 3572900 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921

817413 596629 043572 8951  
e with 142 digits, 91 terms, 52 units error, with last 4 digits in error, last digits are 5728951 should be 5729003 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 89990  
e with 143 digits, 92 terms, 43 units error, with last 5 digits in error, last digits are 7289990 should be 7290033 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900288  
e with 144 digits, 92 terms, 46 units error, with last 3 digits in error, last digits are 2900288 should be 2900334 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900329 9  
e with 145 digits, 93 terms, 43 units error, with last 3 digits in error, last digits are 9003299 should be 9003342 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900333 83  
e with 146 digits, 93 terms, 46 units error, with last 3 digits in error, last digits are 33383 should be 33429 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 250  
e with 147 digits, 94 terms, 45 units error, with last 2 digits in error, last digits are 334250 should be 334295 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 2903  
e with 148 digits, 94 terms, 49 units error, with last 2 digits in error, last digits are 3342903 should be 3342952 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 29480  
e with 149 digits, 95 terms, 46 units error, with last 3 digits in error, last digits are 3429480 should be 3429526 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295212  
e with 150 digits, 96 terms, 48 units error, with last 2 digits in error, last digits are 4295212 should be 4295260 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295256 0  
e with 151 digits, 96 terms, 45 units error, with last 3 digits in error, last digits are 2952560 should be 2952605 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 13  
e with 152 digits, 97 terms, 46 units error, with last 2 digits in error, last digits are 9526013 should be 9526059 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 547

e with 153 digits, 97 terms, 48 units error, with last 2 digits in error, last digits are 5260547 should be 5260595 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 5900

e with 154 digits, 98 terms, 56 units error, with last 2 digits in error, last digits are 2605900 should be 2605956 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 59513

e with 155 digits, 98 terms, 50 units error, with last 2 digits in error, last digits are 6059513 should be 6059563 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595583

e with 156 digits, 99 terms, 47 units error, with last 3 digits in error, last digits are 595583 should be 595630 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595625 7

e with 157 digits, 99 terms, 50 units error, with last 3 digits in error, last digits are 5956257 should be 5956307 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 23

e with 158 digits, 100 terms, 50 units error, with last 2 digits in error, last digits are 9563023 should be 9563073 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 689

e with 159 digits, 100 terms, 49 units error, with last 3 digits in error, last digits are 5630689 should be 5630738 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 7327

e with 160 digits, 101 terms, 54 units error, with last 2 digits in error, last digits are 6307327 should be 6307381 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 73765

e with 161 digits, 101 terms, 48 units error, with last 3 digits in error, last digits are 3073765 should be 3073813 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921

817413 596629 043572 900334 295260 595630 738084  
e with 162 digits, 102 terms, 48 units error, with last 3 digits in error, last digits are 738084 should be 738132 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738126 9  
e with 163 digits, 102 terms, 54 units error, with last 3 digits in error, last digits are 7381269 should be 7381323  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738131 78  
e with 164 digits, 103 terms, 54 units error, with last 3 digits in error, last digits are 3813178 should be 3813232  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 277  
e with 165 digits, 103 terms, 51 units error, with last 3 digits in error, last digits are 8132277 should be 8132328  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 3232  
e with 166 digits, 103 terms, 54 units error, with last 2 digits in error, last digits are 1323232 should be 1323286  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 32805  
e with 167 digits, 104 terms, 57 units error, with last 2 digits in error, last digits are 3232805 should be 3232862  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328577  
e with 168 digits, 104 terms, 50 units error, with last 3 digits in error, last digits are 2328577 should be 2328627  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328622 9  
e with 169 digits, 105 terms, 50 units error, with last 2 digits in error, last digits are 3286229 should be 3286279  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 41  
e with 170 digits, 105 terms, 53 units error, with last 2 digits in error, last digits are 2862741 should be 2862794  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 888  
e with 171 digits, 106 terms, 55 units error, with last 3 digits in error, last digits are 8627888 should be 8627943

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 9379  
e with 172 digits, 106 terms, 55 units error, with last 3 digits in error, last digits are 6279379 should be 6279434

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 94292  
e with 173 digits, 107 terms, 57 units error, with last 3 digits in error, last digits are 2794292 should be 2794349

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943438  
e with 174 digits, 107 terms, 52 units error, with last 2 digits in error, last digits are 7943438 should be 7943490

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943485 1  
e with 175 digits, 108 terms, 56 units error, with last 3 digits in error, last digits are 9434851 should be 9434907

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 20  
e with 176 digits, 108 terms, 56 units error, with last 2 digits in error, last digits are 4349020 should be 4349076

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 707  
e with 177 digits, 109 terms, 56 units error, with last 2 digits in error, last digits are 3490707 should be 3490763

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 7572  
e with 178 digits, 109 terms, 60 units error, with last 3 digits in error, last digits are 4907572 should be 4907632

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 76269  
e with 179 digits, 110 terms, 54 units error, with last 3 digits in error, last digits are 9076269 should be 9076323



2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763176

e with 180 digits, 110 terms, 57 units error, with last 3 digits in error, last digits are 763176 should be 763233 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763228  
0

e with 181 digits, 111 terms, 58 units error, with last 3 digits in error, last digits are 7632280 should be 7632338

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
27

e with 182 digits, 111 terms, 55 units error, with last 2 digits in error, last digits are 6323327 should be 6323382

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
776

e with 183 digits, 112 terms, 53 units error, with last 3 digits in error, last digits are 3233776 should be 3233829

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
8246

e with 184 digits, 112 terms, 52 units error, with last 2 digits in error, last digits are 2338246 should be 2338298

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
82931

e with 185 digits, 113 terms, 57 units error, with last 2 digits in error, last digits are 3382931 should be 3382988

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829827

e with 186 digits, 113 terms, 53 units error, with last 2 digits in error, last digits are 3829827 should be 3829880

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829875 1

e with 187 digits, 114 terms, 56 units error, with last 3 digits in error, last digits are 8298751 should be 8298807

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 23

e with 188 digits, 114 terms, 52 units error, with last 2 digits in error, last digits are 2988023 should be 2988075

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 704

e with 189 digits, 115 terms, 49 units error, with last 2 digits in error, last digits are 9880704 should be 9880753

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 7477

e with 190 digits, 115 terms, 54 units error, with last 3 digits in error, last digits are 8807477 should be 8807531

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 75261

e with 191 digits, 116 terms, 58 units error, with last 3 digits in error, last digits are 8075261 should be 8075319

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753143

e with 192 digits, 116 terms, 52 units error, with last 2 digits in error, last digits are 753143 should be 753195 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753189 8

e with 193 digits, 117 terms, 54 units error, with last 3 digits in error, last digits are 7531898 should be 7531952

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753194 69

e with 194 digits, 117 terms, 56 units error, with last 3 digits in error, last digits are 5319469 should be 5319525

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 193

e with 195 digits, 118 terms, 58 units error, with last 3 digits in error, last digits are 3195193 should be 3195251

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 2452

e with 196 digits, 118 terms, 58 units error, with last 3 digits in error, last digits are 1952452 should be 1952510

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 25042

e with 197 digits, 119 terms, 59 units error, with last 3 digits in error, last digits are 9525042 should be 9525101

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 250961

e with 198 digits, 119 terms, 58 units error, with last 4 digits in error, last digits are 5250961 should be 5251019

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251013 5

e with 199 digits, 120 terms, 55 units error, with last 2 digits in error, last digits are 2510135 should be 2510190

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251018 44

e with 200 digits, 120 terms, 57 units error, with last 3 digits in error, last digits are 5101844 should be 5101901

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251018 950

e with 201 digits, 121 terms, 61 units error, with last 4 digits in error, last digits are 1018950 should be 1019011

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 0050

e with 202 digits, 121 terms, 65 units error, with last 3 digits in error, last digits are 190050 should be 190115 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 01101

e with 203 digits, 122 terms, 56 units error, with last 2 digits in error, last digits are 1901101 should be 1901157

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011515

e with 204 digits, 122 terms, 58 units error, with last 2 digits in error, last digits are 9011515 should be 9011573

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011567 6

e with 205 digits, 122 terms, 62 units error, with last 3 digits in error, last digits are 115676 should be 115738 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 20

e with 206 digits, 123 terms, 63 units error, with last 2 digits in error, last digits are 1157320 should be 1157383

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 770

e with 207 digits, 123 terms, 64 units error, with last 3 digits in error, last digits are 1573770 should be 1573834

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 8281

e with 208 digits, 124 terms, 60 units error, with last 3 digits in error, last digits are 5738281 should be 5738341

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 83359

e with 209 digits, 124 terms, 59 units error, with last 3 digits in error, last digits are 7383359 should be 7383418

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921

817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834126

e with 210 digits, 125 terms, 61 units error, with last 2 digits in error, last digits are 3834126 should be 3834187

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834182 0

e with 211 digits, 125 terms, 59 units error, with last 2 digits in error, last digits are 8341820 should be 8341879

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 33

e with 212 digits, 126 terms, 60 units error, with last 2 digits in error, last digits are 3418733 should be 3418793

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 870

e with 213 digits, 126 terms, 60 units error, with last 3 digits in error, last digits are 4187870 should be 4187930

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 9242

e with 214 digits, 127 terms, 65 units error, with last 3 digits in error, last digits are 1879242 should be 1879307

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 93004

e with 215 digits, 127 terms, 66 units error, with last 2 digits in error, last digits are 8793004 should be 8793070

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930637

e with 216 digits, 128 terms, 65 units error, with last 3 digits in error, last digits are 7930637 should be 7930702

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930695 8

e with 217 digits, 128 terms, 63 units error, with last 4 digits in error, last digits are 9306958 should be 9307021

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930701 52

e with 218 digits, 129 terms, 63 units error, with last 3 digits in error, last digits are 3070152 should be 3070215

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 101

e with 219 digits, 129 terms, 53 units error, with last 2 digits in error, last digits are 702101 should be 702154 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 1480

e with 220 digits, 130 terms, 60 units error, with last 3 digits in error, last digits are 7021480 should be 7021540

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 15346

e with 221 digits, 130 terms, 62 units error, with last 3 digits in error, last digits are 215346 should be 215408 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154024

e with 222 digits, 131 terms, 65 units error, with last 2 digits in error, last digits are 2154024 should be 2154089

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154083 1

e with 223 digits, 131 terms, 60 units error, with last 2 digits in error, last digits are 1540831 should be 1540891

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154088 49

e with 224 digits, 131 terms, 65 units error, with last 3 digits in error, last digits are 5408849 should be 5408914

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233

829880 753195 251019 011573 834187 930702 154089 085  
e with 225 digits, 132 terms, 64 units error, with last 3 digits in error, last digits are 4089085 should be 4089149

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 1427  
e with 226 digits, 132 terms, 72 units error, with last 2 digits in error, last digits are 891427 should be 891499

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 14930  
e with 227 digits, 133 terms, 63 units error, with last 2 digits in error, last digits are 8914930 should be 8914993

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149868  
e with 228 digits, 133 terms, 66 units error, with last 3 digits in error, last digits are 9149868 should be 9149934

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149928 7  
e with 229 digits, 134 terms, 61 units error, with last 3 digits in error, last digits are 1499287 should be 1499348

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 19  
e with 230 digits, 134 terms, 69 units error, with last 2 digits in error, last digits are 4993419 should be 4993488

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 818  
e with 231 digits, 135 terms, 66 units error, with last 2 digits in error, last digits are 9934818 should be 9934884

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 8774  
e with 232 digits, 135 terms, 67 units error, with last 3 digits in error, last digits are 9348774 should be 9348841

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 88348

e with 233 digits, 136 terms, 68 units error, with last 3 digits in error, last digits are 3488348 should be 3488416

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884100

e with 234 digits, 136 terms, 67 units error, with last 2 digits in error, last digits are 4884100 should be 4884167

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884160 9

e with 235 digits, 137 terms, 66 units error, with last 2 digits in error, last digits are 8841609 should be 8841675

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884166 79

e with 236 digits, 137 terms, 71 units error, with last 3 digits in error, last digits are 8416679 should be 8416750

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 438

e with 237 digits, 138 terms, 71 units error, with last 3 digits in error, last digits are 4167438 should be 4167509

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 5023

e with 238 digits, 138 terms, 69 units error, with last 2 digits in error, last digits are 1675023 should be 1675092

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 50862

e with 239 digits, 139 terms, 62 units error, with last 3 digits in error, last digits are 6750862 should be 6750924

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233



829880 753195 251019 011573 834187 930702 154089 149934 884167 509179  
e with 240 digits, 139 terms, 65 units error, with last 3 digits in error, last digits are 7509179 should be 7509244  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509237  
2

e with 241 digits, 139 terms, 75 units error, with last 3 digits in error, last digits are 5092372 should be 5092447  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
05

e with 242 digits, 140 terms, 71 units error, with last 2 digits in error, last digits are 924405 should be 924476 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
692

e with 243 digits, 140 terms, 69 units error, with last 3 digits in error, last digits are 9244692 should be 9244761  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
7539

e with 244 digits, 141 terms, 75 units error, with last 3 digits in error, last digits are 2447539 should be 2447614  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
76074

e with 245 digits, 141 terms, 72 units error, with last 3 digits in error, last digits are 4476074 should be 4476146  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761388

e with 246 digits, 142 terms, 72 units error, with last 3 digits in error, last digits are 4761388 should be 4761460  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761453 9

e with 247 digits, 142 terms, 67 units error, with last 3 digits in error, last digits are 7614539 should be 7614606

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761459 96

e with 248 digits, 143 terms, 70 units error, with last 4 digits in error, last digits are 6145996 should be 6146066

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 606

e with 249 digits, 143 terms, 62 units error, with last 2 digits in error, last digits are 1460606 should be 1460668

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 6603

e with 250 digits, 144 terms, 77 units error, with last 2 digits in error, last digits are 4606603 should be 4606680

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 66738

e with 251 digits, 144 terms, 70 units error, with last 3 digits in error, last digits are 6066738 should be 6066808

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668015

e with 252 digits, 145 terms, 67 units error, with last 2 digits in error, last digits are 668015 should be 668082

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668075 0

e with 253 digits, 145 terms, 72 units error, with last 3 digits in error, last digits are 6680750 should be 6680822

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668081 56

e with 254 digits, 145 terms, 70 units error, with last 3 digits in error, last digits are 6808156 should be 6808226

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 197

e with 255 digits, 146 terms, 67 units error, with last 3 digits in error, last digits are 8082197 should be 8082264

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 2574

e with 256 digits, 146 terms, 74 units error, with last 3 digits in error, last digits are 822574 should be 822648 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 26406

e with 257 digits, 147 terms, 74 units error, with last 2 digits in error, last digits are 8226406 should be 8226480

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264723

e with 258 digits, 147 terms, 77 units error, with last 3 digits in error, last digits are 2264723 should be 2264800

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264792 7

e with 259 digits, 148 terms, 74 units error, with last 4 digits in error, last digits are 2647927 should be 2648001

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233

829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264799 45

e with 260 digits, 148 terms, 71 units error, with last 5 digits in error, last digits are 6479945 should be 6480016

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 095

e with 261 digits, 149 terms, 73 units error, with last 3 digits in error, last digits are 4800095 should be 4800168

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 1612

e with 262 digits, 149 terms, 72 units error, with last 2 digits in error, last digits are 8001612 should be 8001684

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 16776

e with 263 digits, 150 terms, 71 units error, with last 3 digits in error, last digits are 16776 should be 16847 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168401

e with 264 digits, 150 terms, 76 units error, with last 2 digits in error, last digits are 168401 should be 168477 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168470 4

e with 265 digits, 151 terms, 70 units error, with last 2 digits in error, last digits are 1684704 should be 1684774

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168476 78

e with 266 digits, 151 terms, 63 units error, with last 3 digits in error, last digits are 6847678 should be 6847741

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 337

e with 267 digits, 151 terms, 74 units error, with last 3 digits in error, last digits are 8477337 should be 8477411

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 4038

e with 268 digits, 152 terms, 80 units error, with last 3 digits in error, last digits are 4774038 should be 4774118

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 41110

e with 269 digits, 152 terms, 75 units error, with last 2 digits in error, last digits are 7741110 should be 7741185

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411779

e with 270 digits, 153 terms, 74 units error, with last 3 digits in error, last digits are 7411779 should be 7411853

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411845 5

e with 271 digits, 153 terms, 82 units error, with last 3 digits in error, last digits are 4118455 should be 4118537

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411852 99

e with 272 digits, 154 terms, 75 units error, with last 3 digits in error, last digits are 1185299 should be 1185374

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 666

e with 273 digits, 154 terms, 76 units error, with last 3 digits in error, last digits are 1853666 should be 1853742

.  
2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 7344

e with 274 digits, 155 terms, 79 units error, with last 3 digits in error, last digits are 8537344 should be 8537423

.  
2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 74162

e with 275 digits, 155 terms, 72 units error, with last 3 digits in error, last digits are 5374162 should be 5374234

.  
2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742267

e with 276 digits, 156 terms, 78 units error, with last 3 digits in error, last digits are 3742267 should be 3742345

.  
2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742337 3

e with 277 digits, 156 terms, 81 units error, with last 3 digits in error, last digits are 7423373 should be 7423454

.  
2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742344 64

e with 278 digits, 156 terms, 80 units error, with last 3 digits in error, last digits are 4234464 should be 4234544

.  
2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 367

e with 279 digits, 157 terms, 75 units error, with last 3 digits in error, last digits are 2345367 should be 2345442

.  
2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 4349

e with 280 digits, 157 terms, 75 units error, with last 3 digits in error, last digits are 3454349 should be 3454424

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 44165

e with 281 digits, 158 terms, 78 units error, with last 3 digits in error, last digits are 4544165 should be 4544243

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442358

e with 282 digits, 158 terms, 79 units error, with last 3 digits in error, last digits are 5442358 should be 5442437

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442429 7

e with 283 digits, 159 terms, 74 units error, with last 3 digits in error, last digits are 4424297 should be 4424371

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442436 27

e with 284 digits, 159 terms, 83 units error, with last 3 digits in error, last digits are 4243627 should be 4243710

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 024

e with 285 digits, 160 terms, 83 units error, with last 3 digits in error, last digits are 2437024 should be 2437107

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 0996

e with 286 digits, 160 terms, 79 units error, with last 4 digits in error, last digits are 4370996 should be 4371075

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 10669

e with 287 digits, 161 terms, 84 units error, with last 3 digits in error, last digits are 3710669 should be 3710753

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107463

e with 288 digits, 161 terms, 76 units error, with last 3 digits in error, last digits are 7107463 should be 7107539

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107531 1

e with 289 digits, 161 terms, 79 units error, with last 2 digits in error, last digits are 1075311 should be 1075390

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107538 25

e with 290 digits, 162 terms, 82 units error, with last 3 digits in error, last digits are 753825 should be 753907 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 000

e with 291 digits, 162 terms, 77 units error, with last 2 digits in error, last digits are 7539000 should be 7539077

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 0694

e with 292 digits, 163 terms, 83 units error, with last 3 digits in error, last digits are 5390694 should be 5390777

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921



817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 07695

e with 293 digits, 163 terms, 79 units error, with last 3 digits in error, last digits are 3907695 should be 3907774

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077666

e with 294 digits, 164 terms, 78 units error, with last 3 digits in error, last digits are 9077666 should be 9077744

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077736 9

e with 295 digits, 164 terms, 80 units error, with last 3 digits in error, last digits are 777369 should be 777449 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 21

e with 296 digits, 165 terms, 78 units error, with last 2 digits in error, last digits are 7774421 should be 7774499

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 908

e with 297 digits, 165 terms, 84 units error, with last 2 digits in error, last digits are 7744908 should be 7744992

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 9833

e with 298 digits, 166 terms, 87 units error, with last 3 digits in error, last digits are 7449833 should be 7449920

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 99124

e with 299 digits, 166 terms, 82 units error, with last 3 digits in error, last digits are 4499124 should be 4499206

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 991981

e with 300 digits, 166 terms, 88 units error, with last 4 digits in error, last digits are 4991981 should be 4992069

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992061

4

e with 301 digits, 167 terms, 81 units error, with last 2 digits in error, last digits are 9920614 should be 9920695

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992068

69

e with 302 digits, 167 terms, 86 units error, with last 3 digits in error, last digits are 9206869 should be 9206955

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069

478

e with 303 digits, 168 terms, 73 units error, with last 3 digits in error, last digits are 2069478 should be 2069551

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069

5432

e with 304 digits, 168 terms, 85 units error, with last 3 digits in error, last digits are 695432 should be 695517 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069

55085

e with 305 digits, 169 terms, 85 units error, with last 3 digits in error, last digits are 6955085 should be 6955170

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551616

e with 306 digits, 169 terms, 86 units error, with last 3 digits in error, last digits are 9551616 should be 9551702

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551695 0

e with 307 digits, 170 terms, 77 units error, with last 4 digits in error, last digits are 5516950 should be 5517027

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551701 95

e with 308 digits, 170 terms, 81 units error, with last 3 digits in error, last digits are 5170195 should be 5170276

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 683

e with 309 digits, 170 terms, 78 units error, with last 3 digits in error, last digits are 1702683 should be 1702761

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 7531

e with 310 digits, 171 terms, 87 units error, with last 3 digits in error, last digits are 7027531 should be 7027618

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 76103

e with 311 digits, 171 terms, 80 units error, with last 2 digits in error, last digits are 276103 should be 276183 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761760

e with 312 digits, 172 terms, 78 units error, with last 3 digits in error, last digits are 2761760 should be 2761838

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761830 2

e with 313 digits, 172 terms, 84 units error, with last 2 digits in error, last digits are 7618302 should be 7618386

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761837 83

e with 314 digits, 173 terms, 77 units error, with last 3 digits in error, last digits are 6183783 should be 6183860

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 524

e with 315 digits, 173 terms, 82 units error, with last 3 digits in error, last digits are 1838524 should be 1838606

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 5968

e with 316 digits, 174 terms, 94 units error, with last 4 digits in error, last digits are 8385968 should be 8386062

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069

551702 761838 60533

e with 317 digits, 174 terms, 93 units error, with last 3 digits in error, last digits are 3860533 should be 3860626

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606177

e with 318 digits, 174 terms, 84 units error, with last 3 digits in error, last digits are 8606177 should be 8606261

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606253 0

e with 319 digits, 175 terms, 83 units error, with last 3 digits in error, last digits are 6062530 should be 6062613

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606260 41

e with 320 digits, 175 terms, 92 units error, with last 3 digits in error, last digits are 626041 should be 626133 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 239

e with 321 digits, 176 terms, 92 units error, with last 3 digits in error, last digits are 6261239 should be 6261331

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 3224

e with 322 digits, 176 terms, 89 units error, with last 3 digits in error, last digits are 2613224 should be 2613313

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244

761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 33047  
e with 323 digits, 177 terms, 91 units error, with last 3 digits in error, last digits are 6133047 should be 6133138  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331295  
e with 324 digits, 177 terms, 89 units error, with last 3 digits in error, last digits are 1331295 should be 1331384  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331375 5  
e with 325 digits, 178 terms, 90 units error, with last 3 digits in error, last digits are 3313755 should be 3313845  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331383 67  
e with 326 digits, 178 terms, 91 units error, with last 3 digits in error, last digits are 3138367 should be 3138458  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 489  
e with 327 digits, 178 terms, 94 units error, with last 3 digits in error, last digits are 1384489 should be 1384583  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 5739  
e with 328 digits, 179 terms, 91 units error, with last 3 digits in error, last digits are 3845739 should be 3845830  
.

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921

817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 58212

e with 329 digits, 179 terms, 88 units error, with last 3 digits in error, last digits are 8458212 should be 8458300

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 582906

e with 330 digits, 180 terms, 94 units error, with last 4 digits in error, last digits are 4582906 should be 4583000

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 582991 0

e with 331 digits, 180 terms, 97 units error, with last 5 digits in error, last digits are 5829910 should be 5830007

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 582999 86

e with 332 digits, 181 terms, 89 units error, with last 6 digits in error, last digits are 8299986 should be 8300075

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 663

e with 333 digits, 181 terms, 89 units error, with last 3 digits in error, last digits are 3000663 should be 3000752

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 7426

e with 334 digits, 182 terms, 94 units error, with last 3 digits in error, last digits are 7426 should be 7520 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 75111

e with 335 digits, 182 terms, 93 units error, with last 3 digits in error, last digits are 75111 should be 75204 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 751959

e with 336 digits, 182 terms, 85 units error, with last 4 digits in error, last digits are 751959 should be 752044 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752036 9

e with 337 digits, 183 terms, 80 units error, with last 3 digits in error, last digits are 7520369 should be 7520449

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 08

e with 338 digits, 183 terms, 85 units error, with last 2 digits in error, last digits are 5204408 should be 5204493

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 843

e with 339 digits, 184 terms, 90 units error, with last 3 digits in error, last digits are 2044843 should be 2044933

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 9244

e with 340 digits, 184 terms, 94 units error, with last 3 digits in error, last digits are 449244 should be 449338 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921



817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 93283

e with 341 digits, 185 terms, 99 units error, with last 3 digits in error, last digits are 4493283 should be 4493382

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933735

e with 342 digits, 185 terms, 91 units error, with last 3 digits in error, last digits are 4933735 should be 4933826

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933817 5

e with 343 digits, 186 terms, 90 units error, with last 3 digits in error, last digits are 9338175 should be 9338265

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933825 62

e with 344 digits, 186 terms, 94 units error, with last 3 digits in error, last digits are 3382562 should be 3382656

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 471

e with 345 digits, 186 terms, 89 units error, with last 3 digits in error, last digits are 3826471 should be 3826560

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 5508

e with 346 digits, 187 terms, 94 units error, with last 3 digits in error, last digits are 8265508 should be 8265602

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 55939

e with 347 digits, 187 terms, 90 units error, with last 4 digits in error, last digits are 2655939 should be 2656029

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560203

e with 348 digits, 188 terms, 94 units error, with last 2 digits in error, last digits are 6560203 should be 6560297

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560288 3

e with 349 digits, 188 terms, 93 units error, with last 3 digits in error, last digits are 5602883 should be 5602976

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560296 65

e with 350 digits, 189 terms, 95 units error, with last 3 digits in error, last digits are 6029665 should be 6029760

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 506

e with 351 digits, 189 terms, 100 units error, with last 3 digits in error, last digits are 297506 should be 297606 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 5968

e with 352 digits, 190 terms, 99 units error, with last 4 digits in error, last digits are 2975968 should be 2976067

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 60579

e with 353 digits, 190 terms, 94 units error, with last 3 digits in error, last digits are 9760579 should be 9760673

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606650

e with 354 digits, 190 terms, 87 units error, with last 3 digits in error, last digits are 7606650 should be 7606737

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606728 0

e with 355 digits, 191 terms, 91 units error, with last 3 digits in error, last digits are 6067280 should be 6067371

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606736 15

e with 356 digits, 191 terms, 96 units error, with last 3 digits in error, last digits are 673615 should be 673711 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 015

e with 357 digits, 192 terms, 98 units error, with last 3 digits in error, last digits are 6737015 should be 6737113

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 1037

e with 358 digits, 192 terms, 95 units error, with last 3 digits in error, last digits are 7371037 should be 7371132

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 11227

e with 359 digits, 193 terms, 93 units error, with last 3 digits in error, last digits are 3711227 should be 3711320

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113109

e with 360 digits, 193 terms, 91 units error, with last 3 digits in error, last digits are 7113109 should be 7113200

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113191

0

e with 361 digits, 193 terms, 97 units error, with last 4 digits in error, last digits are 1131910 should be 1132007

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113199

72

e with 362 digits, 194 terms, 98 units error, with last 5 digits in error, last digits are 1319972 should be 1320070

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200

613

e with 363 digits, 194 terms, 96 units error, with last 3 digits in error, last digits are 3200613 should be 3200709

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921

817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
6998

e with 364 digits, 195 terms, 95 units error, with last 4 digits in error, last digits are 2006998 should be 2007093

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
70835

e with 365 digits, 195 terms, 97 units error, with last 3 digits in error, last digits are 70835 should be 70932 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709228

e with 366 digits, 196 terms, 100 units error, with last 3 digits in error, last digits are 709228 should be 709328 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709318 7

e with 367 digits, 196 terms, 100 units error, with last 3 digits in error, last digits are 7093187 should be 7093287 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709327 74

e with 368 digits, 196 terms, 96 units error, with last 3 digits in error, last digits are 932774 should be 932870 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 617

e with 369 digits, 197 terms, 92 units error, with last 3 digits in error, last digits are 9328617 should be 9328709

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 6995

e with 370 digits, 197 terms, 96 units error, with last 4 digits in error, last digits are 3286995 should be 3287091

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 70804

e with 371 digits, 198 terms, 108 units error, with last 3 digits in error, last digits are 2870804 should be 2870912 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709036

e with 372 digits, 198 terms, 91 units error, with last 3 digits in error, last digits are 8709036 should be 8709127

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709118 2

e with 373 digits, 199 terms, 92 units error, with last 3 digits in error, last digits are 7091182 should be 7091274

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709126 46

e with 374 digits, 199 terms, 98 units error, with last 3 digits in error, last digits are 912646 should be 912744 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 344

e with 375 digits, 200 terms, 99 units error, with last 3 digits in error, last digits are 9127344 should be 9127443

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 4342

e with 376 digits, 200 terms, 95 units error, with last 3 digits in error, last digits are 1274342 should be 1274437

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 44277

e with 377 digits, 200 terms, 97 units error, with last 3 digits in error, last digits are 2744277 should be 2744374

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443648

e with 378 digits, 201 terms, 99 units error, with last 3 digits in error, last digits are 7443648 should be 7443747

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443737 1

e with 379 digits, 201 terms, 99 units error, with last 3 digits in error, last digits are 4437371 should be 4437470

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921

817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443746 04

e with 380 digits, 202 terms, 100 units error, with last 3 digits in error, last digits are 4374604 should be 4374704 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443746 955

e with 381 digits, 202 terms, 92 units error, with last 4 digits in error, last digits are 3746955 should be 3747047

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 0375

e with 382 digits, 203 terms, 97 units error, with last 3 digits in error, last digits are 7470375 should be 7470472

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 04617

e with 383 digits, 203 terms, 106 units error, with last 3 digits in error, last digits are 4704617 should be 4704723 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047125

e with 384 digits, 203 terms, 105 units error, with last 3 digits in error, last digits are 7047125 should be 7047230 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244



761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047220 7

e with 385 digits, 204 terms, 99 units error, with last 3 digits in error, last digits are 472207 should be 472306 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047229 72

e with 386 digits, 204 terms, 97 units error, with last 4 digits in error, last digits are 4722972 should be 4723069

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 592

e with 387 digits, 205 terms, 104 units error, with last 3 digits in error, last digits are 7230592 should be 7230696 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 6868

e with 388 digits, 205 terms, 101 units error, with last 3 digits in error, last digits are 2306868 should be 2306969 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 69602

e with 389 digits, 206 terms, 95 units error, with last 2 digits in error, last digits are 3069602 should be 3069697

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696879

e with 390 digits, 206 terms, 98 units error, with last 3 digits in error, last digits are 696879 should be 696977 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696967 3

e with 391 digits, 206 terms, 99 units error, with last 3 digits in error, last digits are 6969673 should be 6969772

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696976 21

e with 392 digits, 207 terms, 99 units error, with last 3 digits in error, last digits are 9697621 should be 9697720

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 108

e with 393 digits, 207 terms, 101 units error, with last 3 digits in error, last digits are 6977108 should be 6977209 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 1992

e with 394 digits, 208 terms, 101 units error, with last 4 digits in error, last digits are 9771992 should be 9772093 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 20832

e with 395 digits, 208 terms, 99 units error, with last 3 digits in error, last digits are 7720832 should be 7720931

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209211

e with 396 digits, 209 terms, 99 units error, with last 3 digits in error, last digits are 7209211 should be 7209310

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209300 1

e with 397 digits, 209 terms, 100 units error, with last 3 digits in error, last digits are 2093001 should be 2093101 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209309 12

e with 398 digits, 209 terms, 102 units error, with last 4 digits in error, last digits are 930912 should be 931014 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 034

e with 399 digits, 210 terms, 107 units error, with last 3 digits in error, last digits are 9310034 should be 9310141 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 1308

e with 400 digits, 210 terms, 108 units error, with last 3 digits in error, last digits are 3101308 should be 3101416 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233

829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 14063

e with 401 digits, 211 terms, 106 units error, with last 3 digits in error, last digits are 1014063 should be 1014169 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141589

e with 402 digits, 211 terms, 103 units error, with last 3 digits in error, last digits are 141589 should be 141692 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141682 0

e with 403 digits, 212 terms, 108 units error, with last 3 digits in error, last digits are 1416820 should be 1416928 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141691 79

e with 404 digits, 212 terms, 104 units error, with last 3 digits in error, last digits are 4169179 should be 4169283 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 728

e with 405 digits, 212 terms, 108 units error, with last 3 digits in error, last digits are 1692728 should be 1692836 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200

709328 709127 443747 047230 696977 209310 141692 8262  
e with 406 digits, 213 terms, 106 units error, with last 3 digits in error, last digits are 6928262 should be 6928368 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 83574

e with 407 digits, 213 terms, 107 units error, with last 3 digits in error, last digits are 9283574 should be 9283681 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836712

e with 408 digits, 214 terms, 107 units error, with last 3 digits in error, last digits are 2836712 should be 2836819 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836808 5

e with 409 digits, 214 terms, 105 units error, with last 3 digits in error, last digits are 8368085 should be 8368190 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836817 93

e with 410 digits, 215 terms, 109 units error, with last 3 digits in error, last digits are 3681793 should be 3681902 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836818 918

e with 411 digits, 215 terms, 107 units error, with last 4 digits in error, last digits are 6818918 should be

6819025 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 0139

e with 412 digits, 215 terms, 116 units error, with last 3 digits in error, last digits are 8190139 should be 8190255 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 02435

e with 413 digits, 216 terms, 116 units error, with last 3 digits in error, last digits are 1902435 should be 1902551 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025408

e with 414 digits, 216 terms, 107 units error, with last 3 digits in error, last digits are 9025408 should be 9025515 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025504 5

e with 415 digits, 217 terms, 106 units error, with last 3 digits in error, last digits are 255045 should be 255151 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025514 00

e with 416 digits, 217 terms, 110 units error, with last 3 digits in error, last digits are 2551400 should be 2551510 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 002

e with 417 digits, 218 terms, 106 units error, with last 3 digits in error, last digits are 5515002 should be 5515108 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 0974

e with 418 digits, 218 terms, 112 units error, with last 4 digits in error, last digits are 5150974 should be 5151086 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 10755

e with 419 digits, 218 terms, 110 units error, with last 3 digits in error, last digits are 1510755 should be 1510865 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108551

e with 420 digits, 219 terms, 106 units error, with last 3 digits in error, last digits are 5108551 should be 5108657 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108647

0

e with 421 digits, 219 terms, 104 units error, with last 3 digits in error, last digits are 1086470 should be 1086574 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921

817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108656  
29

e with 422 digits, 220 terms, 117 units error, with last 3 digits in error, last digits are 865629 should be 865746 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
355

e with 423 digits, 220 terms, 108 units error, with last 3 digits in error, last digits are 8657355 should be 8657463 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
4522

e with 424 digits, 221 terms, 115 units error, with last 3 digits in error, last digits are 6574522 should be 6574637 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
46266

e with 425 digits, 221 terms, 111 units error, with last 3 digits in error, last digits are 5746266 should be 5746377 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463658

e with 426 digits, 221 terms, 114 units error, with last 3 digits in error, last digits are 7463658 should be 7463772 .



2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463761 4

e with 427 digits, 222 terms, 107 units error, with last 3 digits in error, last digits are 4637614 should be 4637721 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463771 02

e with 428 digits, 222 terms, 109 units error, with last 3 digits in error, last digits are 6377102 should be 6377211 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 001

e with 429 digits, 223 terms, 110 units error, with last 3 digits in error, last digits are 3772001 should be 3772111 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 0999

e with 430 digits, 223 terms, 113 units error, with last 4 digits in error, last digits are 7720999 should be 7721112 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 11018

e with 431 digits, 224 terms, 107 units error, with last 3 digits in error, last digits are 7211018 should be 7211125 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111145

e with 432 digits, 224 terms, 107 units error, with last 3 digits in error, last digits are 2111145 should be 2111252 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111242 2

e with 433 digits, 224 terms, 101 units error, with last 3 digits in error, last digits are 1112422 should be 1112523 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111251 29

e with 434 digits, 225 terms, 109 units error, with last 3 digits in error, last digits are 1125129 should be 1125238 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 274

e with 435 digits, 225 terms, 115 units error, with last 3 digits in error, last digits are 1252274 should be 1252389 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069

551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 3788

e with 436 digits, 226 terms, 109 units error, with last 3 digits in error, last digits are 2523788 should be 2523897 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 38869

e with 437 digits, 226 terms, 109 units error, with last 3 digits in error, last digits are 5238869 should be 5238978 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389677

e with 438 digits, 227 terms, 107 units error, with last 3 digits in error, last digits are 2389677 should be 2389784 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389773 4

e with 439 digits, 227 terms, 110 units error, with last 3 digits in error, last digits are 3897734 should be 3897844 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389783 31

e with 440 digits, 227 terms, 111 units error, with last 3 digits in error, last digits are 8978331 should be 8978442 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921

817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 313

e with 441 digits, 228 terms, 112 units error, with last 3 digits in error, last digits are 9784313 should be 9784425 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 4136

e with 442 digits, 228 terms, 114 units error, with last 3 digits in error, last digits are 7844136 should be 7844250 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 42394

e with 443 digits, 229 terms, 111 units error, with last 3 digits in error, last digits are 8442394 should be 8442505 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 424942

e with 444 digits, 229 terms, 114 units error, with last 4 digits in error, last digits are 4424942 should be 4425056 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425045 4

e with 445 digits, 230 terms, 115 units error, with last 3 digits in error, last digits are 4250454 should be 4250569 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425055 86

e with 446 digits, 230 terms, 109 units error, with last 3 digits in error, last digits are 2505586 should be 2505695 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 842

e with 447 digits, 230 terms, 111 units error, with last 3 digits in error, last digits are 5056842 should be 5056953 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 9420

e with 448 digits, 231 terms, 116 units error, with last 3 digits in error, last digits are 569420 should be 569536 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 95254

e with 449 digits, 231 terms, 115 units error, with last 3 digits in error, last digits are 5695254 should be 5695369 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953586

e with 450 digits, 232 terms, 110 units error, with last 3 digits in error, last digits are 6953586 should be 6953696 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953685 5

e with 451 digits, 232 terms, 112 units error, with last 3 digits in error, last digits are 9536855 should be 9536967 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953695 67

e with 452 digits, 233 terms, 110 units error, with last 3 digits in error, last digits are 5369567 should be 5369677 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 663

e with 453 digits, 233 terms, 107 units error, with last 3 digits in error, last digits are 3696663 should be 3696770 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 7595

e with 454 digits, 233 terms, 112 units error, with last 3 digits in error, last digits are 6967595 should be 6967707 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069

551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 76956

e with 455 digits, 234 terms, 122 units error, with last 4 digits in error, last digits are 9676956 should be 9677078 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770667

e with 456 digits, 234 terms, 118 units error, with last 3 digits in error, last digits are 6770667 should be 6770785 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770773 7

e with 457 digits, 235 terms, 117 units error, with last 3 digits in error, last digits are 7707737 should be 7707854 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770784 30

e with 458 digits, 235 terms, 114 units error, with last 3 digits in error, last digits are 7078430 should be 7078544 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 325

e with 459 digits, 235 terms, 124 units error, with last 3 digits in error, last digits are 785325 should be 785449 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233

829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 4375

e with 460 digits, 236 terms, 124 units error, with last 3 digits in error, last digits are 7854375 should be 7854499 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 44875

e with 461 digits, 236 terms, 121 units error, with last 3 digits in error, last digits are 8544875 should be 8544996 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449855

e with 462 digits, 237 terms, 114 units error, with last 3 digits in error, last digits are 5449855 should be 5449969 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449958 2

e with 463 digits, 237 terms, 117 units error, with last 3 digits in error, last digits are 4499582 should be 4499699 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449968 83

e with 464 digits, 238 terms, 113 units error, with last 3 digits in error, last digits are 4996883 should be 4996996 .



2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 840

e with 465 digits, 238 terms, 127 units error, with last 3 digits in error, last digits are 9969840 should be 9969967 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 9562

e with 466 digits, 238 terms, 117 units error, with last 3 digits in error, last digits are 9699562 should be 9699679 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 96677

e with 467 digits, 239 terms, 117 units error, with last 3 digits in error, last digits are 6996677 should be 6996794 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967823

e with 468 digits, 239 terms, 123 units error, with last 3 digits in error, last digits are 9967823 should be 9967946 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967935 4

e with 469 digits, 240 terms, 114 units error, with last 3 digits in error, last digits are 9679354 should be 9679468 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967945 70

e with 470 digits, 240 terms, 116 units error, with last 3 digits in error, last digits are 6794570 should be 6794686 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 739

e with 471 digits, 241 terms, 125 units error, with last 3 digits in error, last digits are 7946739 should be 7946864 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 8522

e with 472 digits, 241 terms, 122 units error, with last 3 digits in error, last digits are 9468522 should be 9468644 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 86322

e with 473 digits, 241 terms, 123 units error, with last 3 digits in error, last digits are 4686322 should be 4686445 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069

551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864326

e with 474 digits, 242 terms, 128 units error, with last 3 digits in error, last digits are 6864326 should be 6864454 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864442 7

e with 475 digits, 242 terms, 122 units error, with last 3 digits in error, last digits are 8644427 should be 8644549 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864453 77

e with 476 digits, 243 terms, 113 units error, with last 3 digits in error, last digits are 6445377 should be 6445490 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 785

e with 477 digits, 243 terms, 120 units error, with last 3 digits in error, last digits are 4454785 should be 4454905 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 8939

e with 478 digits, 243 terms, 120 units error, with last 4 digits in error, last digits are 4548939 should be 4549059 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921

817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 90479

e with 479 digits, 244 terms, 119 units error, with last 3 digits in error, last digits are 5490479 should be 5490598 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905861

e with 480 digits, 244 terms, 126 units error, with last 3 digits in error, last digits are 4905861 should be 4905987 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905976

1

e with 481 digits, 245 terms, 118 units error, with last 3 digits in error, last digits are 9059761 should be 9059879 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905986

72

e with 482 digits, 245 terms, 121 units error, with last 3 digits in error, last digits are 598672 should be 598793 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987

817

e with 483 digits, 246 terms, 114 units error, with last 3 digits in error, last digits are 5987817 should be 5987931 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
9194

e with 484 digits, 246 terms, 122 units error, with last 3 digits in error, last digits are 9879194 should be 9879316 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
93041

e with 485 digits, 246 terms, 122 units error, with last 3 digits in error, last digits are 8793041 should be 8793163 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931515

e with 486 digits, 247 terms, 121 units error, with last 3 digits in error, last digits are 7931515 should be 7931636 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931624 6

e with 487 digits, 247 terms, 122 units error, with last 3 digits in error, last digits are 9316246 should be 9316368 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967

627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931635 71

e with 488 digits, 248 terms, 117 units error, with last 3 digits in error, last digits are 3163571 should be 3163688 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931636 768

e with 489 digits, 248 terms, 121 units error, with last 3 digits in error, last digits are 1636768 should be 1636889 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931636 8773

e with 490 digits, 248 terms, 119 units error, with last 3 digits in error, last digits are 6368773 should be 6368892 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931636 88801

e with 491 digits, 249 terms, 122 units error, with last 3 digits in error, last digits are 3688801 should be 3688923 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069

551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931636 889107

e with 492 digits, 249 terms, 123 units error, with last 3 digits in error, last digits are 6889107 should be 6889230 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931636 889217 8

e with 493 digits, 250 terms, 122 units error, with last 3 digits in error, last digits are 8892178 should be 8892300 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931636 889228 85

e with 494 digits, 250 terms, 124 units error, with last 4 digits in error, last digits are 8922885 should be 8923009 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931636 889229 975

e with 495 digits, 251 terms, 123 units error, with last 5 digits in error, last digits are 9229975 should be 9230098 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931636 889230 0858

e with 496 digits, 251 terms, 129 units error, with last 3 digits in error, last digits are 2300858 should be 2300987 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931636 889230 09760

e with 497 digits, 251 terms, 119 units error, with last 3 digits in error, last digits are 3009760 should be 3009879 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931636 889230 098669

e with 498 digits, 252 terms, 124 units error, with last 3 digits in error, last digits are 98669 should be 98793 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931636 889230 098780 3

e with 499 digits, 252 terms, 128 units error, with last 3 digits in error, last digits are 987803 should be 987931 .

2.718281 828459 045235 360287 471352 662497 757247 093699 959574 966967  
627724 076630 353547 594571 382178 525166 427427 466391 932003 059921  
817413 596629 043572 900334 295260 595630 738132 328627 943490 763233  
829880 753195 251019 011573 834187 930702 154089 149934 884167 509244  
761460 668082 264800 168477 411853 742345 442437 107539 077744 992069  
551702 761838 606261 331384 583000 752044 933826 560297 606737 113200  
709328 709127 443747 047230 696977 209310 141692 836819 025515 108657  
463772 111252 389784 425056 953696 770785 449969 967946 864454 905987  
931636 889230 098791 84

e with 500 digits, 253 terms, 128 units error, with last 3 digits in error, last digits are 9879184 should be 9879312 .