

Circle: pi to 600 Decimal Places

3 .

141 592 653 589 793 238 462 643 383 279
502 884 197 169 399 375 105 820 974 944
592 307 816 406 286 208 998 628 034 825
342 117 067 982 148 086 513 282 306 647
093 844 609 550 582 231 725 359 408 128
481 117 450 284 102 701 938 521 105 559
644 622 948 954 930 381 964 428 810 975
665 933 446 128 475 648 233 786 783 165
271 201 909 145 648 566 923 460 348 610
454 326 648 213 393 607 260 249 141 273
724 587 006 606 315 588 174 881 520 920
962 829 254 091 715 364 367 892 590 360
011 330 530 548 820 466 521 384 146 951
941 511 609 433 057 270 365 759 591 953
092 186 117 381 932 611 793 105 118 548
074 462 379 962 749 567 351 885 752 724
891 227 938 183 011 949 129 833 673 362
440 656 643 086 021 394 946 395 224 737
190 702 179 860 943 702 770 539 217 176
293 176 752 384 674 818 467 669 405 132

MEMORIZING pi (π)

Chao Lu, of China, holds the world record for memorizing π . On November 20, 2005, he was able to recite up to 67 890 digits! Canada's record holder was **Simon Plouffe** who was able to recite 4096 digits on December 4, 1975. On June 17, 2006, **Rose Hare** was able to recite 31 digits in 15 seconds! Doesn't sound special? Keep in mind she was only four years old at the time.

Use words to help you remember. The number of letters in each word corresponds to a digit of π .

MAY I HAVE A LARGE CONTAINER OF COFFEE?
3. 1 4 1 5 9 2 6

Check out my website:

chalk-dust.weebly.com-->Math-->Measurement-->Grade 8-->Measurement of Circles-->

Cool Stuff About pi to learn ways of memorizing pi!

There is rarely a practical need to use digits beyond 9 or 10 places.

To demonstrate this point, below is a calculation of the circumference of the earth with a diameter of 12 800 km.

<u>Value of pi</u>	<u>Circumference</u>	<u>Differences in estimates</u>
3.1	39 680 km	
3.14	40 192 km	512 km
3.141	40 204.8 km	12.8 km
3.1415	40 211.2 km	6.4 km
3.14159	40 212.352 km	1152 m
3.141592	40 212.3776 km	25.6 m
3.1415926	40 212.38528 km	7.68 m