$\pi = $ **3.1415926535 8979323846 2643383279 5028841971 6939937510 . . .**

The Pi Strip

This gives the value of π to 1000 decimal places. Something you have always wanted (or maybe not).

It is intended for display purposes. But, as the complete strip, or banner, is over 27 metres long when used in full, it might need to be shortened if it is to fit in some classrooms. It may be that the prominent display of the first 10 or 20 decimal places will be considered sufficient for the classroom. If so, do put the continuation dots (from the last page) on as well so that the = sign is justified.

The full strip (printed on brightly coloured paper) would make a very good item for display at a Maths Open Day or similar. The making of it is not too tedious or long a job if organised. Give each pupil a sheet to cut out and glue together the three pieces on that sheet. Then a selected team can soon assemble and glue all the separate pieces together. The small numbers printed at the bottom right-hand corner of each separate strip are intended to ensure that at no time can there be any doubt as to how they should be ordered.

This strip is made in a similar manner to the BIG Number Line.

First, having decided on the required length, print out just the necessary pages. This means the first page after this one (containing the π = 3. strip) and the last page (containing the continuation dots) plus all the others containing the numbers you require.

Second, cut off the **left-hand** edge of each sheet at the dotted line *(just inside, to make sure none of it shows in the assembled strip)*.

Third, cut each sheet into three, using the two long dotted lines.

Now get all the separate strips in order and start sticking! One of the modern 'glue-sticks' is useful here. Think of the strips as being assembled from left to right, one at a time, working in pairs with a 'left-hand strip' and a 'right-hand strip'. On the **back** of a right-hand strip put some glue on the left-hand edge, then turn it face-side up and stick it down on the right-hand edge of the (correct, face-up) left-hand strip. Make sure the dotted line is only just covered, but that the small number in the bottom right-hand corner is not.

It is easier to do than to describe. [It is also easier for those used to hanging wallpaper!] But a good think about the operation, and knowing what the final result should look like, before applying any glue, should make things clear.

The number in the bottom right-hand corner not only ensures that the strips are in order, but also serves to count how many decimal places you have reached - simply multipy it by 10.

Make regular use of the edge of the working-surface to ensure that you are keeping to a straight line - it is all too easy to produce a strip which is curved. Because of possible irregularities in the printing it might be necessary to do a little trimming with scissors along the top and bottom edges of the completed strip to remove any discontinuities in the region of the joins.

Finally, put it up! Blu-tack (or similar) useful for this. Have fun!

. . . 5820974944 5923078164 0628620899 8628034825 3421170679

$\pi = 3.$

1415926535

8979323846

1

2

264338279

3

5028841971

4

6939937510

5

5820974944

5923078164

0628620899

862803482 5

342117067 9

821480865 1

3282306647

0938446095

5058223172

53594O8128

4811174502

8410270193

852110555

64462294899

549303819616

4428810975

6659334461

2847564823

3786783165

271201909

4564856692

3460348610

4543266482

1339360726

0249141273

7245870066

0631558817

488152 0920

33

962829 2540

34

917153 6436

35

7892590360

0113305305

4882046652

1384146951

9415116094

3305727036

5759591953

0921861173

8193261179

31051185 48

07446237 99

62749567 35

188575272 4

891227938 1

830119491 2

983367336 2

51

440656643 0

52

860213949 4

53

639522473 7

54

190702179 8

55

609437027 7

56

0539217176

2931767523

8467481846

76694405132

00056681271

45263556082

778577134 2

63

757789609 1

64

736371787 2

65

1468440901

2249534301

4654958537

1050792279

6892589235

4201995611

212902196O

864034418I

598136297J

4771309960

5187072113

4999999837

2978049951

0597317328

1609631859

50244459455

34690083026

42522230825

3344685035

2619311881

7101000313

7838752886

5875332083

8142061717

766914730390
598253490491
28755468732

1159562863

88235 37875

93751 95778

185778 0532

1712268066

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