

Googolplex Written Out

Wolfgang H. Nitsche

A large circle composed of black digits. The top half of the circle consists of the digit '9' repeated approximately 18 times. The bottom half consists of the digit '6' repeated approximately 18 times. On the left side, where the '9's and '6's meet, the sequence '9999996291' is written, following the curve of the circle. To the right of the circle, the word 'volume' is written in a bold, sans-serif font.

Googolplex Written Out

Wolfgang H. Nitsche

Stanford University

A circular arrangement of the numbers 9 and 6, with the word 'volume' at the top left. The numbers are arranged in a circle, with 9s on the left and 6s on the right. The word 'volume' is written in a bold, black, sans-serif font at the top left of the circle. The numbers 9 and 6 are also in a bold, black, sans-serif font, arranged in a circular pattern. The 9s are on the left side of the circle, and the 6s are on the right side. The numbers are arranged in a way that they form a continuous loop, with the 9s and 6s alternating around the circle. The word 'volume' is positioned at the top left of the circle, above the 9s. The overall image is a black and white graphic with a circular theme.

Foreword

In 1940, the mathematician Edward Kasner published the book "Mathematics and the Imagination", in which he popularized the words googol and googolplex which his nephew suggested as names for big numbers.

The number googol has been defined as 1 followed by a hundred zeros:

[illegible]

The much larger number googolplex has been defined as 1 followed by a googol zeros. While this number can easily be written as

$$\text{googolplex} = 10^{\text{googol}} = 10^{(10^{100})}$$

using the exponential notation, it has often been claimed that the number googolplex is so large that it can never be written out in full.

[illegible]

Wolfgang H. Nitsche
August 2013
www.GoogolplexWrittenOut.com

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

[illegible]

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

[illegible]

--

--

--

--

[illegible]

--

--

--

--

--

[illegible]

--

--

--

[illegible]

--

--

--

--

--

--

--

--

--

--

--

--

--

[illegible]

--

--

[illegible]

--

--

--

--

--

--

--

[illegible]

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

--

[illegible]

--

--

--

--

--

--

--

--

