

Googolplex Written Out

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The image consists of several concentric rings of the digit '9'. The outermost ring is at the top left, followed by three more rings spiraling inward towards the center. In the middle of the spiral, there are four digits arranged vertically: '0', '5', '7', and '4' from bottom to top. The entire graphic is rendered in a bold, black, sans-serif font against a plain white background.

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

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www.GoogolplexWrittenOut.com

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