

Googolplex Written Out

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Googolplex Written Out

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A large, stylized number 3 is formed by a dense arrangement of small, rounded, pill-like shapes. The shapes are arranged in a circular pattern, with the top of the '3' being a large, open circle. The text 'volume 1000' is written in a bold, sans-serif font at the top left of the image.

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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:

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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.

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Wolfgang H. Nitsche
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www.GoogolplexWrittenOut.com

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