

Googolplex Written Out

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volume 1000000000

31221

1.0.1

Googolplex Written Out

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A circular progress indicator with a volume label. The text "volume" is at the top left, followed by a series of zeros. The circle itself is composed of a ring of small squares, some of which are filled, representing a progress level. The numbers "31221" are visible on the left side of the circle.

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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