

Googolplex Written Out

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volume 99984025

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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:

[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.

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August 2013
www.GoogolplexWrittenOut.com

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page 15

page 17

page 20

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page 22

page 23

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page 27

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page 46

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page 54

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page 58

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page 61

page 66

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page 73

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page 81

page 83

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page 90

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page 94

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page 124

page 125

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