

Googolplex Written Out

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volume 100001163

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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 132

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page 139

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page 145

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page 153

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page 172

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page 182

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page 208

page 209

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page 213

page 215

page 217

page 219

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page 283

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page 317

page 319

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page 331

page 343

page 346

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page 381

page 382

page 383

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page 388

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page 390

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page 393

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page 400

page 402

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