

Googolplex Written Out

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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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www.GoogolplexWrittenOut.com

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page 10

page 14

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page 16

page 17

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page 24

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page 101

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page 107

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page 111

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page 116

page 119

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page 121

page 122

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page 132

page 135

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page 137

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page 142

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page 208

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page 225

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page 254

page 257

page 260

page 261

page 262

page 265

page 270

page 271

page 275

page 276

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page 324

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page 330

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page 332

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page 364

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page 367

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page 371

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page 394

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