

# Googolplex Written Out

# Wolfgang H. Nitsche

**volume 109953**

### 1.0.1

# Googolplex Written Out

Wolfgang H. Nitsche

Stanford University

**volume 109953**

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.

[illegible]
$$\text{googolplex} = 10^{\text{googol}} = 10^{(10^{100})}$$
[illegible][illegible]



\_\_\_\_\_



[illegible]

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

---

---



|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

\_\_\_\_\_

|  |
|--|
|  |
|--|

\_\_\_\_\_

|  |
|--|
|  |
|--|

\_\_\_\_\_

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

\_\_\_\_\_

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

---



|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

\_\_\_\_\_

---

---

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|





---

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

---

\_\_\_\_\_



|  |
|--|
|  |
|--|



|  |
|--|
|  |
|--|

---

---



\_\_\_\_\_

\_\_\_\_\_







\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

---



|  |
|--|
|  |
|--|



|  |
|--|
|  |
|--|



|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|



|  |
|--|
|  |
|--|

[illegible]





---



\_\_\_\_\_

\_\_\_\_\_

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---



\_\_\_\_\_

\_\_\_\_\_

[illegible]

|  |
|--|
|  |
|--|

\_\_\_\_\_

\_\_\_\_\_

---

---



\_\_\_\_\_

\_\_\_\_\_



---

---

---

\_\_\_\_\_



\_\_\_\_\_

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---



---

|  |
|--|
|  |
|--|

---

[illegible]







---

\_\_\_\_\_

---

---

---

---

\_\_\_\_\_

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

[illegible]

---

|  |
|--|
|  |
|--|



\_\_\_\_\_

























[illegible]

\_\_\_\_\_

|  |
|--|
|  |
|--|



---

\_\_\_\_\_







---

---

|  |
|--|
|  |
|--|

---

---



---

|  |
|--|
|  |
|--|

\_\_\_\_\_

|  |
|--|
|  |
|--|

\_\_\_\_\_

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

\_\_\_\_\_

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

\_\_\_\_\_

|  |
|--|
|  |
|--|

\_\_\_\_\_

|  |
|--|
|  |
|--|

\_\_\_\_\_

|  |
|--|
|  |
|--|

\_\_\_\_\_

---

---

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

\_\_\_\_\_

\_\_\_\_\_

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

\_\_\_\_\_









































|  |
|--|
|  |
|--|

\_\_\_\_\_







|  |
|--|
|  |
|--|



|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|



|  |
|--|
|  |
|--|



|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

\_\_\_\_\_

\_\_\_\_\_

|  |
|--|
|  |
|--|

---

---

---

---

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

\_\_\_\_\_

---

\_\_\_\_\_

---

\_\_\_\_\_

---

---

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

\_\_\_\_\_

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|



|  |
|--|
|  |
|--|

\_\_\_\_\_

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

\_\_\_\_\_

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|



\_\_\_\_\_

\_\_\_\_\_

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|



|  |
|--|
|  |
|--|



---

|  |
|--|
|  |
|--|





|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

---

\_\_\_\_\_

\_\_\_\_\_

---

|  |
|--|
|  |
|--|

\_\_\_\_\_

\_\_\_\_\_

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

\_\_\_\_\_

\_\_\_\_\_

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

\_\_\_\_\_

|  |
|--|
|  |
|--|

\_\_\_\_\_

\_\_\_\_\_

|  |
|--|
|  |
|--|



\_\_\_\_\_

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

\_\_\_\_\_



|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

[illegible]

---

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

\_\_\_\_\_



|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|









|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

\_\_\_\_\_

---

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

\_\_\_\_\_

|  |
|--|
|  |
|--|

\_\_\_\_\_

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

---

---



|  |
|--|
|  |
|--|



|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

|  |
|--|
|  |
|--|



|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|



|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

---

---

---

---

|  |
|--|
|  |
|--|

---

---

---

---

---



---

\_\_\_\_\_



---

---

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|



|  |
|--|
|  |
|--|

---

---

[illegible][illegible]

(This page is intentionally left blank.)