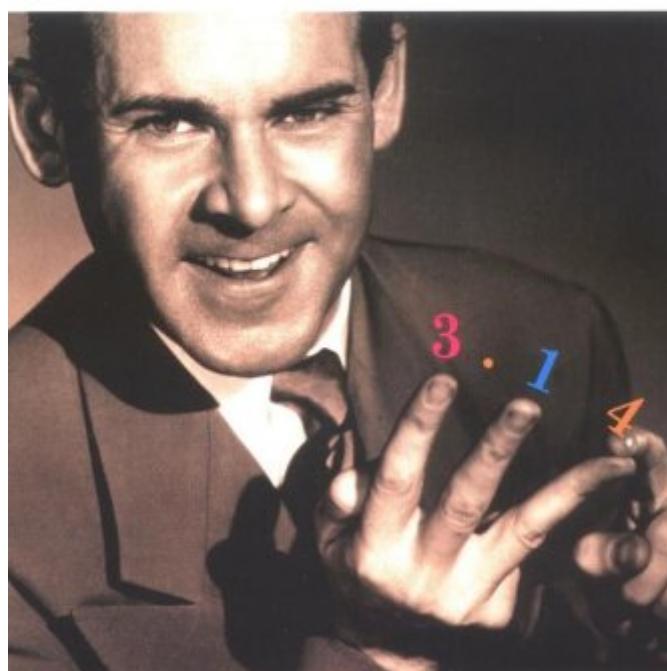


The book was found

The Penguin Dictionary Of Curious And Interesting Numbers (Penguin Press Science)

THE PENGUIN DICTIONARY OF
Curious and Interesting
NUMBERS
REVISED EDITION



DAVID WELLS



Synopsis

Why was the number of Hardy's taxi significant? Why does Graham's number need its own notation? How many grains of sand would fill the universe? What is the connection between the Golden Ratio and sunflowers? Why is 999 more than a distress call? All these questions and a host more are answered in this fascinating book, which has now been newly revised, with nearly 200 extra entries and some 250 additions to the original entries. From minus one and its square root, via cyclic, weird, amicable, perfect, untouchable and lucky numbers, aliquot sequences, the Cattle problem, Pascal's triangle and the Syracuse algorithm, music, magic and maps, pancakes, polyhedra and palindromes, to numbers so large that they boggle the imagination, all you ever wanted to know about numbers is here. There is even a comprehensive index for those annoying occasions when you remember the name but can't recall the number.

Book Information

File Size: 1809 KB

Print Length: 244 pages

Publisher: Penguin; Rev Ed edition (September 4, 1997)

Publication Date: September 4, 1997

Sold by: Digital Services LLC

Language: English

ASIN: B002RI95L8

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #706,267 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #41 in Kindle Store > Kindle eBooks > Nonfiction > Science > Mathematics > Reference #70 in Kindle Store > Kindle eBooks > Nonfiction > Science > Mathematics > Pure Mathematics > Number Theory #251 in Books > Science & Math > Mathematics > Reference

Customer Reviews

In the foreword to G.H. Hardy's book *A Mathematician's Apology*, C.P. Snow tells an anecdote about Hardy and his collaborator Srinavasa Ramanujan. Hardy, perhaps the greatest number theorist of 20th century, took a taxi from London to the hospital at Putney where Ramanujan was

dying of tuberculosis, Hardy noticed its number, 1729. Always inept about introducing a conversation, he entered the room where Ramanujan was lying in bed and, with scarcely a hello, blurted out his opinion about the taxi-cab number. It was, he declared, "rather a dull number," adding that he hoped that wasn't a bad omen. "No, Hardy! No, Hardy," said Ramanujan, "it is a very interesting number. It is the smallest number expressible as the sum of two cubes in two different ways." Usually it takes a great deal of insight as well as considerable mathematical training to discover a yet unknown properties of some number. Only recognizing the beauty of a number pattern is much easier, though, especially with a friendly book like this one on hand. Wells, a long-time mathematics popularizer, has collected over 1000 numbers he considers interesting. Each of them is given a short explanation, often accompanied with a bibliographic reference. Celebrities among the numbers, like i , e or π , are given a more comprehensive treatment. Included are also several sequences, like Fibonacci's, Mersenne's, Fermat's, Carmichael's or Kaprekar's, each accompanied with its explanation. So are cyclic, amicable, untouchable or lucky numbers, and many more sequences you probably didn't know about. While Wells' dictionary certainly gives the impression of a well-researched work, the list of numbers is by no means exhaustive.

[Download to continue reading...](#)

The Penguin Dictionary of Curious and Interesting Numbers (Penguin Press Science) From Zero to Infinity: What Makes Numbers Interesting The Penguin Dictionary of Literary Terms and Literary Theory (Penguin Dictionary) The Penguin Dictionary of Classical Mythology (Penguin Dictionary) The Penguin Dictionary of Symbols (Dictionary, Penguin) Science for the Curious Photographer: An Introduction to the Science of Photography The Interesting Narrative and Other Writings: Revised Edition (Penguin Classics) LOTTERY NUMBERS: 7 Numbers That WIN Most Often Oxford Picture Dictionary English-Chinese: Bilingual Dictionary for Chinese speaking teenage and adult students of English (Oxford Picture Dictionary 2E) Oxford Picture Dictionary English-Spanish: Bilingual Dictionary for Spanish speaking teenage and adult students of English (Oxford Picture Dictionary 2E) Oxford Picture Dictionary English-Vietnamese: Bilingual Dictionary for Vietnamese speaking teenage and adult students of English (Oxford Picture Dictionary 2E) Color Science and the Visual Arts: A Guide for Conservators, Curators, and the Curious Dictionary of Scientific Units: Including dimensionless numbers and scales The Penguin Dictionary of Critical Theory (Penguin Reference Books) Academic Press Dictionary of Science and Technology Off the Beaten Path: A Travel Guide to More Than 1000 Scenic and Interesting Places Still Uncrowded and Inviting Inside Interesting Integrals: A Collection of Sneaky Tricks, Sly Substitutions, and Numerous Other Stupendously Clever, Awesomely Wicked, and ... (Undergraduate Lecture Notes in Physics) Twitter In 30 Minutes

(3rd Edition): How to connect with interesting people, write great tweets, and find information that's relevant to you Mason Jar Christmas Gift Recipes: Holiday Gifts That Are Interesting, Fun, and Tasty (The Home Life Series Book 19) 1936 U.S. Yearbook: 1936 U.S. Yearbook: Interesting original book full of facts and figures from 1936 - Unique birthday present / gift idea!

[Dmca](#)