Math Bytes: Google Bombs, Chocolate-Covered Pi, and Other Cool Bits in Computing (Hardback)

By Timothy P Chartier

Princeton University Press, United States, 2014. Hardback. Book Condition: New. 239 x 160 mm. Language: English . Brand New Book. This book provides a fun, hands-on approach to learning how mathematics and computing relate to the world around us and help us to better understand it. How can reposting on Twitter kill a movie s opening weekend? How can you use mathematics to find your celebrity look-alike? What is Homer Simpson s method for disproving Fermat s Last Theorem? Each topic in this refreshingly inviting book illustrates a famous mathematical algorithm or result--such as Google s PageRank and the traveling salesman problem--and the applications grow more challenging as you progress through the chapters. But don t worry, helpful solutions are provided each step of the way. Math Bytes shows you how to do calculus using a bag of chocolate chips, and how to prove the Euler characteristic simply by doodling. Generously illustrated in color throughout, this lively and entertaining book also explains how to create fractal landscapes with a roll of the dice, pick a competitive bracket for March Madness, decipher the math that makes it possible to resize a computer font or launch an Angry Bird--and much, much more....

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Reviews

Extensive guideline! Its this sort of excellent read. it had been writtern quite properly and helpful. You can expect to like just how the writer create this book.

-- Mr. Gustave Gerhold

This book will never be straightforward to start on reading through but quite enjoyable to learn. Better then never, though i am quite late in start reading this one. Your lifestyle span will probably be convert once you complete reading this publication.

-- Dr. Kadin Hane DVM