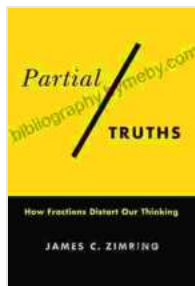


# Partial Truths: How Fractions Distort Our Thinking



## Partial Truths: How Fractions Distort Our Thinking

by James C. Zimring

★★★★★ 5 out of 5

Language : English  
File size : 3782 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 392 pages



## By Dr. John Allen Paulos

Fractions are everywhere. They're in the prices we pay for groceries, the measurements we use for cooking, and the percentages we see in polls and surveys. But what most people don't realize is that fractions can also be dangerous. They can lead us to make poor decisions and to see the world in a distorted way.

In his new book, *Partial Truths: How Fractions Distort Our Thinking*, mathematician Dr. John Allen Paulos reveals the hidden dangers of fractions. He shows how fractions can be used to manipulate people, to create illusions, and to make things seem more or less than they really are.

Paulos's book is a must-read for anyone who wants to understand the true nature of mathematics and its impact on our lives. It's a fascinating and

eye-opening look at the world of fractions and how they can shape our thinking.

Here are a few of the many insights that Paulos offers in his book:

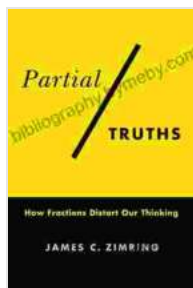
- **Fractions can be used to create illusions.** For example, a poll that shows that 60% of people support a particular candidate may actually be misleading if the poll only surveyed 100 people. The true level of support for the candidate could be much lower.
- **Fractions can be used to manipulate people.** For example, a car salesman may offer you a "0% financing" deal, but the fine print may reveal that the deal only applies to the first year of the loan. After that, the interest rate will skyrocket.
- **Fractions can make things seem more or less than they really are.** For example, a news story that reports that the unemployment rate has fallen by 0.5% may make it seem like the economy is improving. However, if the unemployment rate was previously 10%, then a 0.5% decline is actually a very small improvement.

Paulos's book is a timely and important reminder that we need to be critical thinkers when it comes to understanding fractions. We need to be aware of the ways that fractions can be used to deceive us and to make informed decisions based on the whole truth.

Partial Truths: How Fractions Distort Our Thinking is a must-read for anyone who wants to understand the true nature of mathematics and its impact on our lives.

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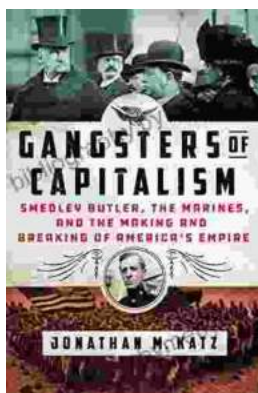


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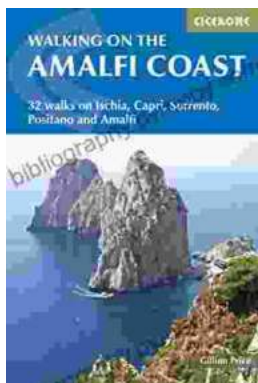
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