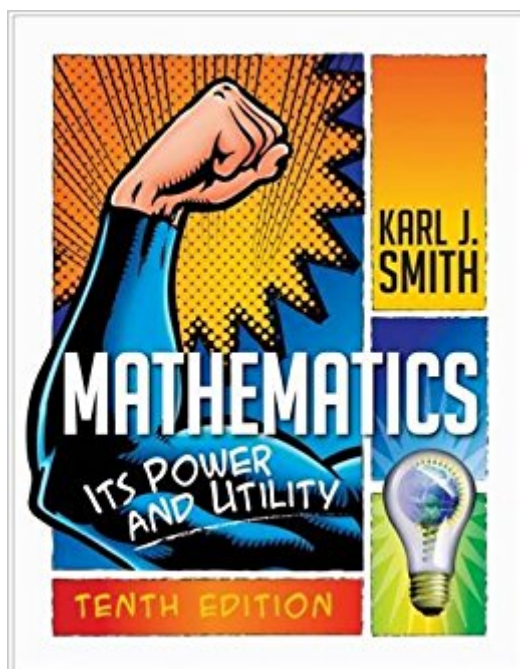


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# Mathematics: Its Power And Utility



## Synopsis

**MATHEMATICS: ITS POWER AND UTILITY**, Tenth Edition, combines a unique and practical focus on real-world problem solving allowing even the least-interested or worst-prepared student to appreciate the beauty and value of math while mastering basic concepts and skills they will apply to their daily lives. The first half of the book explores the **POWER** and historic impact of mathematics and helps students harness that **POWER** by developing an effective approach to problem solving. The second half builds upon this foundation by exploring the **UTILITY** and application of math concepts to a wide variety of real-life situations: money management; handling of credit cards; inflation; purchase of a car or home; the effective use of probability, statistics, and surveys; and many other topics of life interest. Unlike many mathematics texts, **MATHEMATICS: ITS POWER AND UTILITY**, Tenth Edition, assumes a basic working knowledge of arithmetic, making it effective even for students with no exposure to algebra. Completely self-contained chapters make it easy to teach to a customized syllabus or support the precise pace and emphasis that students require.

## Book Information

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## Customer Reviews

I bought this book for a college math class. The book covers the topics of math and even has a chapter called math anxiety which is about dispelling the myths about math and how to overcome your fears and bad experiences with previous math classes. The main issues I have with this book is... There is only one example given for a problem and he doesn't explain the rules/principles of math. For example on page 55 if you were to find the LCD (lowest common denominator) for 6 and

8.The solution shows  $6 = 2 \times 3$  and  $8 = 2$  to the third power. So the LCD is:  $2 \text{ third power} \times 3 = 8 \times 3 = 24$  That's it! There's no explanation as to how he came up with the numbers that he did! He just did and that's it! For someone who understands the rules of math very well or is just using this book as a recent refresher reference, they might disagree with my review. But for someone who has never really had a grasp on math and its rules (or doesn't know the rules at all) will find using this book (and the class) very frustrating. My advice is if this book is required for your class and you're having trouble understanding the concepts or you find yourself saying "How the "BLEEP" did he come up with that answer!?" find a good supplement book and DO ask your teacher for help.

I had to get this book for a Math65 class at a community college. Luckily I decided to rent instead of ordering it because it was absolutely disappointing. It is supposed to support a class in Applied Mathematics. Almost nothing about this in this book! It's a lame rehearsal of basic high school math for people who rather should have gotten private tutoring. No interesting applications at all, but many mistakes. I'd really like to know what the author and his proof-readers were thinking... 'Mathematics: Its power and utility' reaches rock bottom when it applies that mass and weight is the same! Avoid buying, rent as cheap as you can if you have to since it's not worth keeping.

my husband does math as a pass time and is 71 but he loves staying in touch with how the math world has changed since he took 4 yrs of college he was very pleased with this book.

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