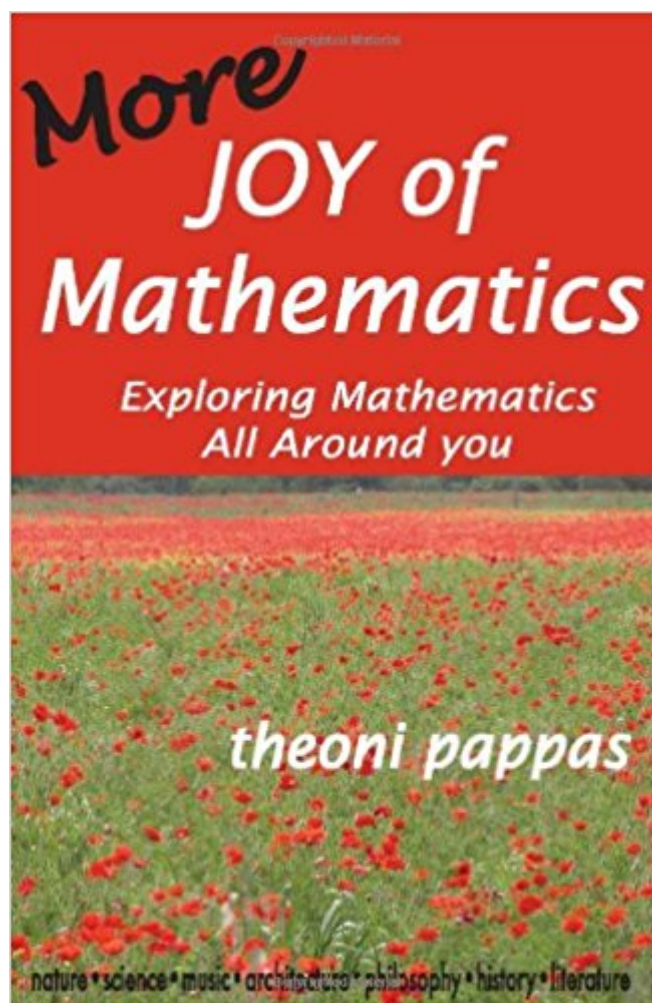


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More Joy Of Mathematics: Exploring Mathematics All Around You



Synopsis

Now Pappas has done it again, or rather, has done more! The pages of MORE JOY OF MATHEMATICS spill over with ideas, puzzles, games from all over the world, historic background, exciting graphics and up-to-the-minute math breakthrough. Readers will find plenty to enjoy as they discover Pappas' unique easy reading style. This sequel to the popular title, THE JOY OF MATHEMATICS, lets you appreciate how mathematics is connected to the everyday world; and how a glimpse of essential concepts can enrich one's life in so many ways. Pappas' fresh and lively approach to mathematics; appealing even to those who are intimidated by the world of numbers; unlocks pleasures, mysteries, and applications of over two-hundred of mathematical concepts.

Book Information

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Customer Reviews

If you enjoyed Pappas' "The Joy of Mathematics," then you should love this addition to the set. This book, like its predecessor, contains a diverse collection of concise, insightful discussions about mathematical topics and how they relate to the observed world. It develops ideas with an elegant simplicity by providing the reader with copious amounts of illustrations and diagrams. Pappas communicates mathematical ideas clearly and, unlike some mathematicians, stresses their relation to the lives and experiences of humans. She reveals the appealing aspects of the subject by excluding the technical, logical deductions that most frequently discourage people from studying it. The variety of topics presented in the book displays the versatility of mathematics and its relevance

to human knowledge. For students interested in exploring the meaning and significance of mathematics or for teachers lacking the necessary materials to enlighten their students about these topics, this book is ideal.

Many have sadly been led to believe that math is a cold, lifeless subject limited only to homework assignments and balancing your checkbook. Nothing could be further from the truth, and Pappas books show this. Her "More Joy of Mathematics" shows a vast amount of instances of where math shows up, some math history, and a few visual brain teasers. How are exponents involved in the forging that creates a powerful Samurai sword? How do the properties of an ellipse make your car's headlights switch to high-beam? What math can be found in an ocean wave, the strength of a honeycomb pattern, or a nautilus shell? How is math vital to the construction of musical instruments? Is zero really a "number", and where does the concept come from? What are some currently unsolved problems in mathematics? A total layman could understand most of the book, but to understand all the mini essays you might at least want to have knowledge of math at the high school level. The book is a fast read, and fun to flip back and forth through, because each example is summarized in its own 1 or 2 page section, with illustrations. The same goes for "Joy of Mathematics" so you don't necessarily have to read that one first; they just contain different sets of examples. And don't think that all the good ideas were already taken for the first book -- "More Joy of Mathematics" is just as exciting to read. Plus it has a single index listing the topics from both this book and the previous one, so if you buy both it's easy to find the article you want by only looking it up once. Perfect gift for a math enthusiast at any level, and it may even convert a few "mathphobes".

I purchased the Joy Mathematics book for ideas to help Middle school students. I'm a volunteer math tutor in a local middle school. And I have found many interesting facts about math which might improve students attitudes.

This is a very excellent book on mathematics. It is very informative and fun. It has good illustrations and is very well written. You will enjoy reading this book.

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