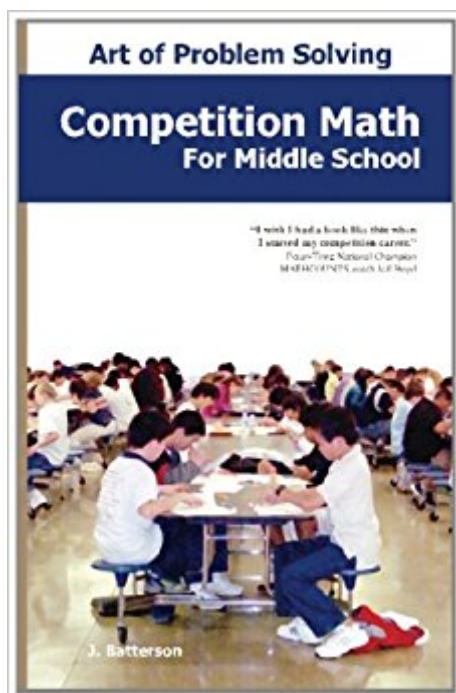


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# Competition Math For Middle School



## Synopsis

Written for the gifted math student, the new math coach, the teacher in search of problems and materials to challenge exceptional students, or anyone else interested in advanced mathematical problems. Competition Math contains over 700 examples and problems in the areas of Algebra, Counting, Probability, Number Theory, and Geometry. Examples and full solutions present clear concepts and provide helpful tips and tricks. "I wish I had a book like this when I started my competition career." Four-Time National Champion MATHCOUNTS coach Jeff Boyd "This book is full of juicy questions and ideas that will enable the reader to excel in MATHCOUNTS and AMC competitions. I recommend it to any students who aspire to be great problem solvers." Former AHSME Committee Chairman Harold Reiter

## Book Information

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## Customer Reviews

Jason Batterson is a curriculum developer at Art of Problem Solving ([www.artofproblemsolving.com](http://www.artofproblemsolving.com)). From 2008-2010, Batterson taught math and ran the competition program at Ligon Middle School in Raleigh, NC. The school won state MATHCOUNTS championships in 2008, 2009 and 2010 and has consistently been the top middle school in the state for both the AMC8 and AMC10 competitions. In 2008 he was a recipient of the Edyth May Sliffe Award from the Mathematical Association of America for distinguished teaching in mathematics.

I got this book for my daughter, who was on the competitive math team in her magnet program in middle school. This book really helped, and the math coaches used it during practices. She is now

in a high school magnet program and is competing on the high school math team.

I definitely recommend this book to middle-schoolers aiming for scoring high in competitive math exams. I was able to prep my son (who was very good in grade school, but not accustomed to high standards of competition math) and he is doing phenomenally well now. I used Batterson's book to gradually introduce tough problems in number theory, algebra, probability etc, and when this book is studied with the art-of-problem-solving (+ vol1, vol2) and Israel Gelfand's algebra + trigonometry + Kieslev's geometry, you have a kid who can really excel in math. My son is an all-rounder (sports and leadership wise) and growing up in NJ we are surrounded with some amazing talent, but now I got him excel in competition math too. This book's section on counting and probability is unbelievably good especially the way he tackles the weird counting questions with "sticks and stones".. well done!

Entry level book for math competition. My son joined math count in NJ, participated to state level in grade 7 but not good enough to go to national level. He can still try next Jan. I bought this book for him, he felt it's too easy for him to learn much, but it's good to build basics if a student is at grade 6 to start thinking about math count.

An amazing book! I just want to say thank you to the author for putting together such an inspired work. This thing is absolutely packed with problems, solutions, tips. It's ideal for teachers of advanced students and advanced students themselves. Engaging, simple, well-organized. I appreciate the clear and efficient explanations. This is not the book to buy a child struggling with certain concepts. This thing is a tour de force of competition math. Sorry I cannot do it justice with words. I am very impressed!

I use this book as a supplement to my daughter's school math. I like this book because it explains how simple mathematical concepts can be applied in competition level. This book provides with many practice questions that students can practice until they get familiar with similar questions. My daughter is smart but sometimes, can be scared of these competition math questions. This book is not too difficult that both average and smart students can learn from it. The explanation is simple but comprehensive. This book is not filled with those arrogant questions that can make kids feel defeatism in math. I gave the questions in the probability section to my daughter after she learned probability at the school. She learned how school math can be expanded and applied to the

competition level from this book. Not all kids who are interested in math are genius. This book is for those students. I highly recommend this book.

I love this book.

content covers up to algebra and geometry. good for AMC 8 and 10.

I am a middle school math team coach constantly looking for good material to use with my students, as well as books that can teach me some better ways to work through the problems. This book gives me both, and I am ordering more for my math team because of it. Each concept is organized by larger topic and explained clearly, with practice problems similar to what you would find in a Math Counts or AMC contest. You will learn some new tricks (they were new to me at least) that helps solve problems much more quickly. I recommend it to new coaches who have caught the math competition bug but don't know where to get materials, or even experienced coaches who want another outstanding resource for their library. For someone still trying to learn all of the ins and outs of middle school math contests, this has vaulted into a spot as one of my go-to resources, along with the Art of Problem Solving series and old Math Counts problems.

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The Global Limits of Competition Law (Global Competition Law and Economics)  
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