



The Three-Year MATHCOUNTS Marathon

By Karen Ge

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The Three-Year MATHCOUNTS Marathon By Karen Ge

Written by a MATHCOUNTS state champion, this book contains more than 400 carefully selected problems ranging from MathCounts to the International Math Olympiad, each with a detailed solution. It is intended for advanced MathCounts mathletes, coaches, and parents. Please note that although this book includes many problems from high school math competitions, the purpose of the book is not to prepare for those contests. Rather, these problems are chosen to hone MathCounts problem solving skills because today's high school math problems will appear in tomorrow's MathCounts competitions.

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The Three-Year MATHCOUNTS Marathon By Karen Ge Bibliography

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Editorial Review

Review

"You have done an incredible job in creating a resource others will find valuable, and, more importantly, be inspired by."

Albert Ni
MATHCOUNTS
2002 National Champion

"It's wonderful to see students sharing their paths to success so that others may follow! In *The Three-Year MATHCOUNTS Marathon*, Karen Ge shares her experience through carefully chosen problems, each of which offers more than stacks of routine exercises."

Richard Rusczyk
Founder and CEO
Art of Problem Solving

"Karen Ge's delightful problem book is a must read for high flying middle schoolers. Anyone who wants to be a top flight mathematical problem solver can learn from her fine choice of problems and her conversational style of writing. The selection of topics is right on target and the consistent use of symbols makes the reading easy."

Harold Reiter
Professor of Mathematics
University of North Carolina at Charlotte

From the Back Cover
Review of The Three-Year MATHCOUNTS Marathon

The author of this wonderful study guide for MathCounts has just completed a very successful career as a middle school mathlete (the three-year journey in the title). As the introduction makes clear, success at the national level requires hard work and a plan of attack. The author provides a plan of attack in the form of 15 chapters including mathematical principles, functional equations, angle chasing, and mass points, just to list a few. After that, it is up to the mathlete to follow through! The exposition is pitched at a fairly high level making this book appropriate for intermediate to advanced mathletes.

Since problem-solving is what MathCounts is all about, every chapter includes several important ideas. Each idea is introduced through one or more carefully chosen problems for which the author offers clear and informative solutions. Every chapter concludes with a really nice set of problems drawn from a wide range of contests, including a few from the International Mathematical Olympiad. In most cases the source of the problem is supplied, which gives a hint as to how hard it might be. The book provides answers and then solutions to all the problems. The author makes it clear that even working through all of the problems in MathCounts is not sufficient to ensure success. Nevertheless, working your way through this book would be

a significant step towards success at the state and national level.

What makes this book so special is the combination of really good problems and the quality of the solutions supplied. The mathematical syntax is correct and the written explanations are well done. Each problem provides a new insight into the topic at hand and the solutions help the reader to see how the author thought through each problem. I highly recommend this book to any intermediate to advanced mathlete. It should also be on the desk of MathCounts coaches and in the library of schools that participate in MathCounts and the AMC contests. This is a wonderful book. I had lots of fun trying the problems!

Users Review

From reader reviews:

Anna Harlow:

This The Three-Year MATHCOUNTS Marathon tend to be reliable for you who want to be considered a successful person, why. The main reason of this The Three-Year MATHCOUNTS Marathon can be among the great books you must have will be giving you more than just simple reading food but feed an individual with information that possibly will shock your preceding knowledge. This book is usually handy, you can bring it almost everywhere and whenever your conditions at e-book and printed types. Beside that this The Three-Year MATHCOUNTS Marathon forcing you to have an enormous of experience like rich vocabulary, giving you test of critical thinking that we know it useful in your day action. So , let's have it and luxuriate in reading.

Gabrielle Oneal:

A lot of people always spent their free time to vacation or go to the outside with them household or their friend. Are you aware? Many a lot of people spent many people free time just watching TV, or playing video games all day long. If you would like try to find a new activity here is look different you can read a new book. It is really fun for you personally. If you enjoy the book that you read you can spent all day long to reading a guide. The book The Three-Year MATHCOUNTS Marathon it is quite good to read. There are a lot of folks that recommended this book. We were holding enjoying reading this book. If you did not have enough space to develop this book you can buy often the e-book. You can m0ore simply to read this book from a smart phone. The price is not to cover but this book offers high quality.

Danny Saleem:

Do you have something that you like such as book? The guide lovers usually prefer to decide on book like comic, short story and the biggest you are novel. Now, why not attempting The Three-Year MATHCOUNTS Marathon that give your enjoyment preference will be satisfied by means of reading this book. Reading routine all over the world can be said as the means for people to know world considerably better then how they react toward the world. It can't be stated constantly that reading routine only for the geeky man or woman but for all of you who wants to possibly be success person. So , for all of you who want to start looking at as your good habit, you are able to pick The Three-Year MATHCOUNTS Marathon become your current starter.

Bonnie Gallup:

What is your hobby? Have you heard in which question when you got students? We believe that that question was given by teacher on their students. Many kinds of hobby, Everybody has different hobby. So you know that little person including reading or as examining become their hobby. You should know that reading is very important and book as to be the factor. Book is important thing to increase you knowledge, except your current teacher or lecturer. You find good news or update about something by book. Many kinds of books that can you choose to use be your object. One of them is The Three-Year MATHCOUNTS Marathon.

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