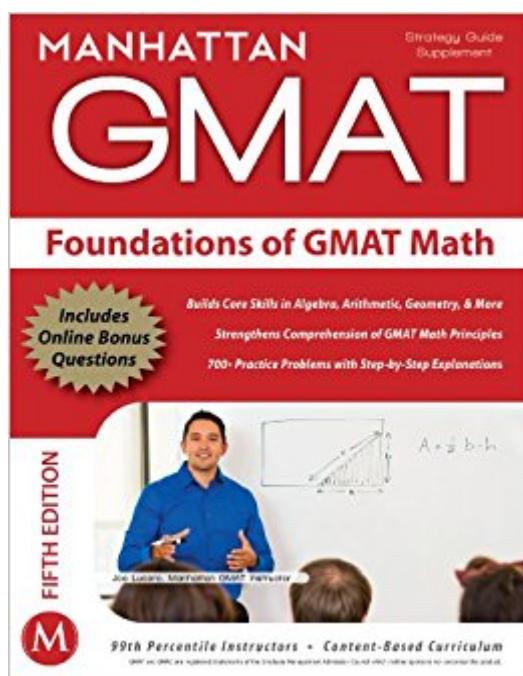


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# Foundations Of GMAT Math, 5th Edition (Manhattan GMAT Preparation Guide: Foundations Of Math)



## Synopsis

Developed for test-takers who need a refresher, Foundations of Math provides a user-friendly review of basic math concepts crucial for GMAT success. Manhattan GMAT's Foundations of Math book provides a refresher of the basic math concepts tested on the GMAT. Designed to be user-friendly for all students, this book provides easy-to-follow explanations of fundamental math concepts and step-by-step application of these concepts to example problems. With ten chapters and over 700 practice problems, this book is an invaluable resource to any student who wants to cement their understanding and build their basic math skills for the GMAT. Purchase of this book includes one year of online access to the Foundations of Math Homework Banks consisting of over 400 extra practice questions and detailed explanations not included in the book.

## Book Information

Paperback: 520 pages

Publisher: Manhattan Prep Publishing; 5th edition (November 15, 2011)

Language: English

ISBN-10: 1935707590

ISBN-13: 978-1935707592

Product Dimensions: 8.5 x 1.2 x 11 inches

Shipping Weight: 3 pounds

Average Customer Review: 4.0 out of 5 stars 43 customer reviews

Best Sellers Rank: #204,823 in Books (See Top 100 in Books) #23 in Books > Business & Money > Job Hunting & Careers > Business School Guides #51 in Books > Business & Money > Education & Reference > GMAT Test #76 in Books > Education & Teaching > Higher & Continuing Education > Graduate School Guides

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6. EQUATIONS  
7. QUADRATIC EQUATIONS  
8. BEYOND EQUATIONS: INEQUALITIES & ABSOLUTE VALUE  
9. WORD PROBLEMS  
10. GEOMETRY  
GLOSSARY

Foundations of GMAT Math is a stress-free guide to mastering the fundamental math topics tested on the GMAT, including algebra, number properties, inequalities, exponents, fractions, divisibility,

geometry, and more. Relearn the basics through easy-to-follow explanations of concepts and reinforce learning with hundreds of practice problems. Enhance your overall performance, no matter what score you're aiming for!

Foundations of GMAT Math is the second edition of the book dedicated to a review of basic math principles. If you picked a GMAT Math book and having a hard time with it, this book is for you. Prepare to see pie charts explaining fractions, multiplications table, explanations of what a multiple or prime is and how to factor numbers. If you have not faced math (or were afraid to) in the past 5 years, this book is for you. Here are some important facts: PROS:- Very thorough- Fixed all(?) of the previous typos- Significantly reworked and improved the sequence of topics (now arithmetic is before word problems)- Added Arithmetic (2nd edition only)- Great coverage of coordinate geometry- Helpful and valuable divisibility and exponents section- TONS of bonus questions online (500+ of GMAT-format questions)- Have not verified every question, but hoping for quality better than the first edition (had many mistakes) CONS:- The book has 500 practice questions but they are not in a GMAT format, rather a math-textbook format- Massive! Massive (see my images I uploaded comparing it to the previous edition) 500 full-size pages - I think the expectation is that you skip parts that you know- Some shortcuts (such as diamond method of solving quadratic equations) are confusing to those educated in formal math (but then those probably won't be using this book)- Easy (i know it is supposed to be), but still - only easy questions Bottom line: if you are comfortable with other MGMAT books, this book is probably not for you. If you are uneasy about math, give this book a try - you don't regret it. It is fantastic value for the 800 questions it offers. Would also recommend you pick up Number Properties and Word Translations by Manhattan GMAT. If you have purchased a full Manhattan GMAT set of books and hesitating between this book and Kaplan's version, definitely get this one - it integrates better. For reference, here are the topics covered by the book: 1. Arithmetic (new) 2. Divisibility (very helpful!) 3. Exponents and roots - helpful as well 4. Fractions 5. Fractions, decimals, and percents 6. Equations 7. Quadratic Equations 8. Beyond equations 9. Word Problems 10. Geometry (very extensive section)

BB, GMAT 750 Founder of GMAT Club

This is a really efficient text that enables one to build their core competency in the foundational elements of GMAT Math. 1) Brings you behind the theory necessary to understand how the creators of the GMAT construct their questions 2) Starts you at the very basic elements involved with GMAT Math questions 3) Provides numerous sample questions to quiz you on what you've read and practiced through sample questions I'm very happy with this purchase. The GMAT is challenging

and for someone who didn't have the high school schooling necessary to engage with the GMAT initiatlly, the Foundations of GMAT Math text has helped tremendously.

Just finished this book in about 2 weeks. I highly recommend this for anyone that hasn't taken a math class fairly recently. Do you honestly remember the formula for the arc length of a circle when you're only given the radius and angle? Do you remember factoring or the the square root of something could be positive or negative? Unless you have an amazing memory and remember high school math, buy this book. It provides a ton of drill sets that help reinforce the lessons that you learn and helps you build confidence for doing these problems. I don't have a timing problem (famous last words), but this also teaches you shortcuts so that you answer problems more quickly than you would have otherwise.

It's pretty basic, but very useful for starters. I feel like there are not enough practice problems though. I do recommend this book for everyone who wants to refresh his/her math skills before getting serious with GMAT prep.

This book is really good! It covers all of the basic topics that would come in handy on the GMAT. It is about 500 pages so you may want to pace yourself accordingly to be able to finish it in a timely manner...I personally tried 50 pages a day, and it worked great.I have used The Princeton Review and Kaplan guides in the past, but, those books do not even come close to Manhattan Prep in terms of the quality of the content and explanations.

It's been so long since I took high school math that I was really intimidated by the GMAT math difficulties. But this book made reviewing for the fundamentals fun and interesting. I actually look forward to studying the book for hours at a time and felt prepared when I finished the book. I would recommend this book to anyone who hated math/never had a good foundation in math. All explanation and comments in the book was well thought and enlightening. Through out my time studying the book, I found the authors very fun and humorous. I used to hate Math and thanks to this book, i love it now. :DWill take the GMAT in 40 days... we shall see how prepared this book has made me...

definitely not the book you need to score high on the quant. but if you are like me and need refreshing on the most basic concepts, then this book is ideal. use it as a refresher before using the

more advanced Kaplan books.

I did this entire book in about a week leading up to my GMAT prep course and I definitely felt more confident about my math skills as a result. However, it is definitely missing statistics, proportions, interest, and likely several more key content areas. Overall, good for someone who hasn't thought about  $A = 1/2 * b * h$  in a looooooong time.

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