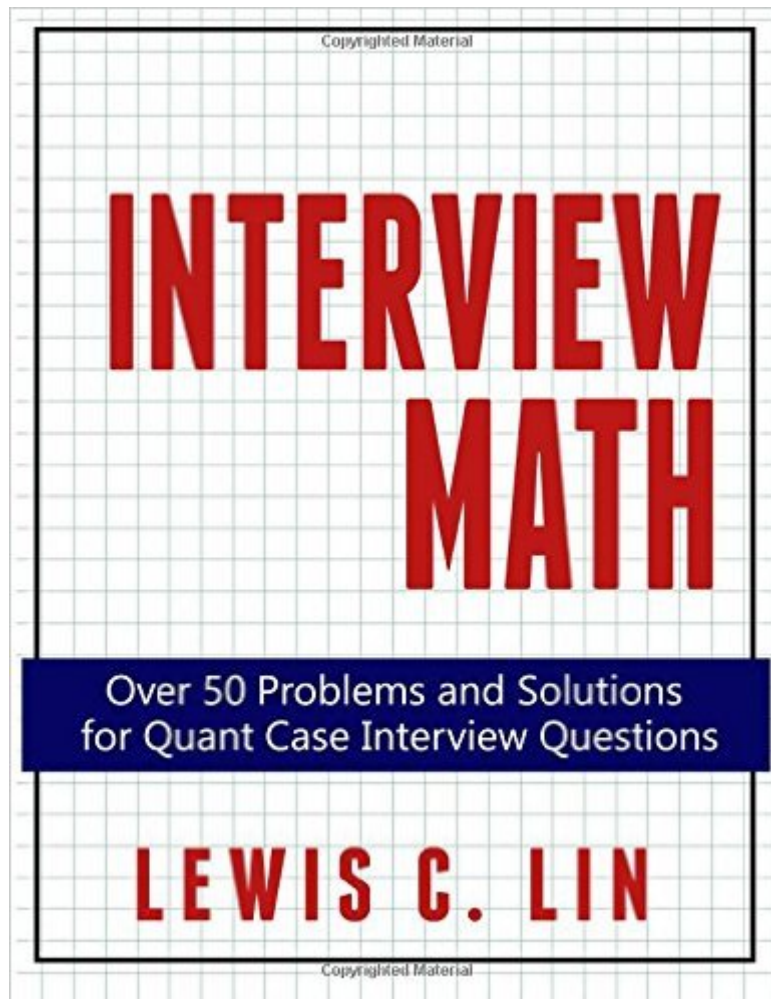


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# Interview Math: Over 50 Problems And Solutions For Quant Case Interview Questions



## Synopsis

Interview Math provides over 50 practice problems and answers to help job seekers master quantitative interview questions including: Market Sizing Revenue Estimates Profitability Breakeven Pricing Customer Lifetime Value If you're interviewing at one of the highly sought after positions below, you'll need to master these interview math questions: Management Consulting: McKinsey, Bain, Boston Consulting Group, Deloitte General Management: Capital One, Taser Marketing: General Mills, Google, Hershey Software Engineering: Goldman Sachs, Microsoft Finance: American Airlines, Best Buy, JetBlue You'll learn interview math concept and principles and then master those concepts with over 50 practice questions filled with detailed answers. After going through the book, candidates will feel knowledgeable, confident, relaxed and ready to tackle interview math questions.

## Book Information

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## Customer Reviews

If I had more confidence in my math, I don't think I wouldn't have made such dumb mistakes in my recent case interview. So, that's where this book comes in...if you have math issues. If you work through this book - it'll take some of the pressure off your math nerves so you can focus on the case question. My framework was great (thank you Victor Cheng and LOMS) - but I think I was overwhelmed by the prospect of all of this math, and that made the nerves worse...and I got lost. I had this book, among 2 others - but I only went through about 1/2 of it. I should have done more. I like how he has many pages of drills on many topics (e.g., break even, profit, customer value). And, I like how he makes them get harder as it goes along within each chapter. This is exactly the way to

teach something. His explanations are great and clearly written out on the next page of each practice item...again - great. One thing I'd love to see changed in future versions is this: He provides a lot of equations, but it would be better if he organized them a bit - because many of these equations are conceptually linked. Unfortunately, they are just listed here in one big group (which can be intimidating and hard to remember). If I were teaching a course in case interview prep - I'd explain how you can get ROI and net income and break even from a similar set of numbers - so students could remember these things and how they all relate. In this book, there is just a list, so you'll have to do that on your own. I don't think any firms are doing estimation cases anymore, but you still may get a mini-estimation problem within a larger case at an MBB firm. So, he does have a chapter on those - and it is good mental exercise regardless. Speaking of that, I like his little "table of useful facts" - how many people in the USA, how many households, etc...

Having read Lewis' other books "Decode and Conquer" and "Rise Above the Noise" this book is much different as it is more of a workbook than a coaching manual. It focuses on the dreaded case interview questions which are being used by a variety of consulting companies (McKinsey, Bain, BCG, etc.) as well as many top employers including Google, , Microsoft...Great news is that just as his other books, he takes out the fluff and gets to the heart of the matter. Lewis begins by being very upfront of what to expect from the book and delivers on it in an efficient manner. As with his other book he has simple frameworks to help you organize your thoughts and break down a problem into the necessary pieces. I interviewed with several consulting firms as an MBA student and found that his frameworks were spot on and you can essentially take what he gives you and make it your own. The practice problems in this book are great and essentially what you would find in a case interview and include a variety of topics (including a problem on Pillow Pets!) It's hard for me to imagine a case interview question that this book would not aid you in answering. I would highly recommend it to anyone who is prepping for case interviews, it's a great tool and will let you focus on more important things and quickly and succinctly organize your thoughts. Interview Tip: Half the case interview question is actually being able to explain your thought process to the interviewer and make it so they are able to follow you and your thought process (an essential skill when working as well) so be sure to not only practice solving the problems but organizing your thoughts and diagrams in a manner that you can show someone else. They should not wonder how you got from 1 step to the next.

Math has been one of my strengths but somehow I would still manage to choke during interviews

when the interviewer came out with a puzzler or a weird estimation question. This book does a great job at identifying categories of math interview questions, providing a methodical solution for each type and most importantly building up confidence to even face the most savvy interviewers. I just wish I had this book before just like the other books from this author on product management and salary negotiation, I have spent so many hours finding half-baked sites on the net for the same things and never found anything this good

This book makes it easy to prepare for what used to be a stumbling block for me. Doing quant problems on the spot, quickly and accurately enough to impress, takes practice. The book does a great job of laying out the frameworks straightforwardly and then follows up with plenty of sample questions and solutions. After reading a few, you'll find yourself already catching on to the patterns. Learning by example is definitely the easiest way to master this style of interview question. Looking back over the last year, it would have helped me knock these questions out of the park: 1) Google: how much of storage will we need in 2015 for Gmail? 2) Yahoo: how many people visit Yahoo finance each day? 3) PayPal: how much should the company's travel budget be for next year? You have to expect math at interviews these days, so be ready!

Interview Math is a practical manual that will help you prepare for and successfully answer quantitative problems during interviews. As with Lewis' other books, this book provides structured frameworks and solid examples on how to apply these frameworks. Interview Math's biggest strength is identifying the major types of problems, be it estimation, contribution margin, lifetime value, or break-even analyses. Each problem type has several examples in a variety of industries, making understanding the solution easy and applicable to your specific situation. The most important advice is that the interview is a dialogue and that two way conversation is crucial. The quantitative question is not so much about testing you to get the right answer, but more of a test of how you would approach and solve problems. Showing your work and laying out your assumptions with your interviewer is crucial to being successful in this interview even if you don't come up with the right answer. Teamwork and collaboration is so important nowadays and being comfortable with communicating with your interviewer will highlight those skills. I would recommend this book for anyone who wants to improve their quantitative analysis interviewing answers. Although this type of question is most prevalent in management consulting, finance, and product management interviews, it is becoming popular in other disciplines as well to show a candidate's analytical skill and ability to communicate that, which is increasingly essential ingredient to showing that you

belong on the team.

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