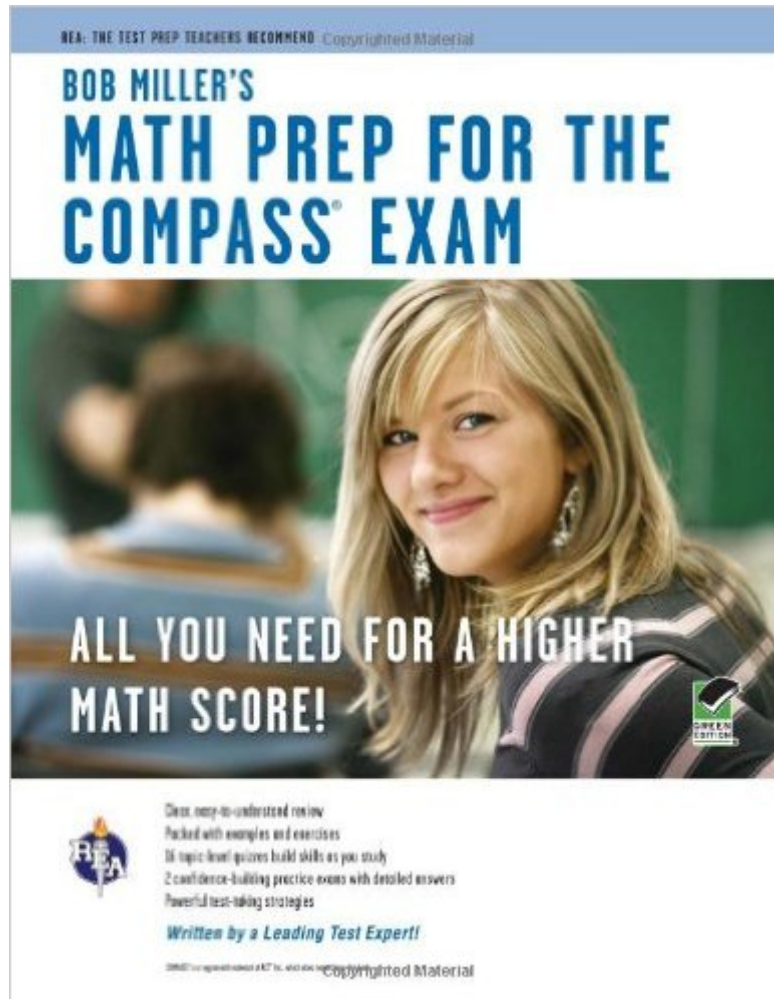


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# COMPASS Exam - Bob Miller's Math Prep



## Synopsis

If You're Taking the COMPASS Exam and Need Help with Math, Bob Miller has Your Solution! Bob Miller's Math Review for the COMPASS Exam Bob Miller has taught math to thousands of students at all educational levels for 30 years. His proven teaching methods help college-bound students succeed on the math portion of the COMPASS exam. Written in a lively and unique format, Bob Miller's Math Review for the COMPASS Exam contains everything COMPASS test-takers need to know. Focused, easy-to-follow review chapters cover all the pre-algebra, algebra, geometry, and trigonometry skills tested on the exam. Drills and examples build skills and explain key concepts. The book includes two practice tests based on actual COMPASS test questions. Detailed explanations of answers help you identify your strengths and weaknesses while reinforcing your knowledge. Bob also gives you study tips, strategies, and confidence-boosting advice for test day, so you'll be ready to tackle the COMPASS. Bob Miller's Math Review for the COMPASS is just part of the equation! REA has also developed a test prep for the verbal portion of the exam, Doug French's Verbal Review for the COMPASS Exam. What is the COMPASS? The COMPASS is a computer-adaptive college placement exam used by high schools, technical schools, community colleges, and four-year colleges across the country. It evaluates the math, English language, and writing skill levels of incoming students. A high score on the COMPASS helps students advance to higher-level college classes.

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## Customer Reviews

This book definitely served its purpose along with other online references, helping me place me into Calculus 1. I scored 99 on algebra, 86 on College Algebra, and 96 on Trig. I never went beyond geometry in high school, and that was 10 years ago. Some questions in the book were actually more difficult than the real exam in my opinion, leaving me frustrated more than once. This "pitfall" actually drove me to different sources to wholly learn the material versus just cramming specifically for the exam. The book moves way too fast to give the material time to sink in if you're not already intimately familiar with it. Although Bob does a decent job developing the framework, there's no real substitute for practice. There's no "magic shortcut" to learning math. Do not give up on solving a problem and just flip to the answers. This will only handicap you later. It will take time, but try to "understand" the innards of the problem. Realistically, I studied for right around 6 months for the COMPASS. To instill four years of math into half a year's timeframe is good enough for me. I recommend this book while studying away from the internet. At home, I'd just search for "COMPASS math practice exams" and do at least two a week. I also made it a point to leave the calculator out of reach unless it was actually needed. In prepping, utilized:-This Book-Khanacademy-Analyzemath Practice Tests-WATAMU Math Lab-Georgia Highlands College COMPASS Math Prep and-Santa Monica College COMPASS Math Prep On the actual exam, I didn't encounter 50% of what I had learned, and there were a couple college algebra questions that I had to throw in an educated guess having not seen that material in any shape or form before. I think they were dealing with oddball translations or reflections or something of the sorts. There were more word problems with multiple variables than I expected, but they were easy enough to figure out by giving them arbitrary values like 1, 2, & 3 for x, y, & z, respectively. College algebra never seemed to end. If you're not proficient at factoring polynomials, you'd best get that process in your head, because the COMPASS loves to give problems to factor out. If you can use a personal scientific calculator on the exam, although I couldn't, I recommend the Casio FX-115 ES or ES-plus. They're ACT legal and would save a lot of time when double checking a solution. Look them up, they are very powerful for a scientific calculator once you get past the initial learning curve. Casio Scientific Calculator FX-115ES PLUS I was surprised to not see matrices or logarithms. YMMV, however. The trig was easy for the most part until the final bit involving multiple functions. Think  $f(g(h(x)))$ , but with trig functions. Just remember your measurements for special angles and you're golden. The trig identities were also put onscreen when they were applicable to a question, so it wasn't really necessary to memorize them. Do memorize sin, cos, tan, sec, csc, and cot functions however, as I ran into every single one of them at one time or another. The COMPASS listed only one angle measurement for trig in degrees, so remember how to convert them. That's about it, but if I think of

more or anyone has questions, I'll add to this and/or respond.

This book drove me crazy as I found multiple errors. I wasted a lot of time working out bad examples and got frustrated with the poor explanations and lazy approach the book takes not showing all the work on how the final answers are obtained. I found myself turning to Khan Academy numerous times as a far better approach to learning forgotten math. In my opinion the sections could have been organized way better and with more attention to detail. If you've been away from math for awhile and like FULL explanations to things with no question of whether the book is faulty or not then save your money and your sanity. Many sites have a full list of each section you will be expected to know on the COMPASS from pre algebra to trig. Print out the list and stick with Khan Academy. However if you've already purchased this book it serves as a great hard surface to write on while you sit on the couch and work out problems on Khan Academy!

I loved it. I took my time on each section... And Bob really broke down the compass step by step... I thank this book a lot because it has lessons along with problems. I pretty much aced the compass math thanks to it placing into Calculus. Great book. Would definitely recommend to anyone who feels under placed.

I came to the U.S last year, so my english isn't that good, and I was extremely nervous about my placement test. However, the book was written in a simple way , and I understood it really clearly. My math skills were horrible , but I decided to work on them to save me time and money, so I decided to study before the placement exam. I studied really hard for a month , and I spent hours studying daily only from this book, and eventually I got placed into calc 1 !! I was surprised because before that exhausting month I wasn't able to place into algebra. This book is highly recommended . Thank you bob!

Absolutely wonderful prep book for the math section of the COMPASS exam. It's been about 15 years since I studied this in high school, but the book was able to walk me through all the topics I used to know without a problem. It took me about 3 weeks to go through the book and do all the practice in it. I was able to pass all the sections of the exam with about 93% accuracy and placed into calculus 1. It's an easy-to-read book with great practice that prepares you very well for the test.

I used the pre-algebra section to brush up on the type of questions the test would ask. It helped me

to decipher the word questions, like time & distance, so that they could be answered correctly. I graduated from high school 50 years ago and was never good at algebra - never used it after high school, period. Did not score well in algebra. The other sections on geometry, trigonometry, calculus, etc., were not on the test I took. They were covered in the book.

This was a valuable resource in my preparation for the COMPASS test. Each section was explained very well and I ended up do quite well on the test considering I haven't had a math course in over a decade.

I am a freshman in college who just got out of high school this summer. I took Pre-Calculus when I was a senior. After the whole crazy and funny summer, I was still confidence about my math skill, went and took my first Compass test, failed on my Algebra part. I was mad at myself, and went to the library got this book. This book covered the possible types of questions which gonna show up in Compass, however, some of them didn't. And some formulas are not listed or explained in this book, so you'd better have a handbook with you. Overall, it's a good book for practicing. If you have any confuse, it's always better to find a tutor. After finished this book, I got 99 on Pre Algebra, 92 on Algebra, 88 on College Algebra, 88 on Trigonometry and go straight to Calculus I, which is required by my program.

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