



# Grad School Test Prep

*from the University of Minnesota*

## GMAT Mathematics Skills Assessment: Self-Scoring Math Test

Students studying for the GMAT begin the preparations at widely different levels of mathematical preparedness. While the quantitative review of **Preparing for the GMAT** provides a brief mathematics skills review, students gaining the greatest benefit from this strategies-based course are those who begin with an understanding of the basic arithmetic, algebra, and geometry concepts tested on the GMAT.

To help you gain the greatest benefit from **Preparing for the GMAT**, we are providing you with this mathematics skills assessment. This self-administered pre-test is designed to assess your current mathematics ability with respect to the math concepts commonly encountered in the GMAT quantitative sections. Please take the time necessary to work through each of the 33 problems on this pre-test. Do not be concerned with a time limit for this pre-test; rather, focus on understanding the math concept tested in each question.

*Because you will not be able to use a calculator on the GMAT, you may not want to use a calculator on this test in order to get the most accurate picture of your math skills.*

When you have finished all of the questions, use the answers given at the end of the test to determine the number of questions you have answered correctly.

### Students correctly answering:

- 20 or more questions should be adequately prepared to take **Preparing for the GMAT** immediately;
- Fewer than 20 questions should consider registering for and completing **Math Refresher for the GRE and GMAT** before completing **Preparing for the GMAT**. For more information, call 612-624-4000.
- If you have significant difficulty with several areas of the test, consider taking courses in arithmetic and/or algebra.

**Please turn the page and begin.**

**Taking this test should help place you in the class that addresses your needs:**

### MATH REFRESHER FOR THE GRE AND GMAT

This course is designed to strengthen your skills and build confidence through a review of math fundamentals presented in tandem with intensive math practice. You will learn simple test-taking strategies that will strengthen your ability to solve problems similar to those found on the actual GRE or GMAT exam. You'll prep efficiently with structured lessons organized to help you concentrate on the highest-yield areas. An expert teacher guides you through the program and provides extra help and personal attention when you need it. A personalized study plan ensures that you are maximizing your time and effort on the areas in which you need the most work. Visit [www.cce.umn.edu/testprep](http://www.cce.umn.edu/testprep) for complete information.

### PREPARING FOR THE GRE

This course is designed to prepare you efficiently for the GRE in a university classroom environment. Experienced math, verbal, and writing instructors direct you through a series of strategy lessons and practice exercises, answering your questions all along the way. You will learn how to optimize your test scores by studying effectively in the areas most likely to appear on the exam. You also will receive customized, personal feedback on your writing. Learn question types, advanced test-taking strategies, common test items, timing, and the most efficient ways to solve problems. Visit [www.cce.umn.edu/testprep](http://www.cce.umn.edu/testprep) for complete information.

### PREPARING FOR THE GMAT

This course can help raise your GMAT score. Experienced math, verbal, and writing instructors lead you through a series of strategy lessons and practice exercises, answering your questions all along the way. Discuss proven methods for dealing with each of the question types and work with test-simulation exercises. Learn test-taking strategies geared toward the three separately timed sections: verbal (reading comprehension, critical reasoning, sentence correction); analytical writing (analysis of an issue, analysis of an argument); and quantitative (problem solving and data sufficiency). You will learn how to optimize your test scores by studying effectively in the areas most likely to appear on the exam. Visit [www.cce.umn.edu/testprep](http://www.cce.umn.edu/testprep) for complete information.





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[www.cce.umn.edu/testprep](http://www.cce.umn.edu/testprep)



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## Answers to the GMAT Mathematics Skills Assessment

To score your answers, simply turn this page upside down.

If you score 20 or more correct answers, you should be adequately prepared to take **Preparing for the GMAT**.

If you score fewer than 20 correct answers, you should consider registering for **Math Refresher for the GRE and GMAT**.

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Answers: 1) d 2) a 3) e 4) b 5) b 6) a 7) b 8) b 9) e 10) a 11) e 12) c 13) d 14) c 15) c 16) b 17) b 18) c  
19) b 20) a 21) d 22) b 23) b 24) c 25) d 26) a 27) c 28) e 29) d 30) c 31) b 32) d 33) b