

1. Your estimated GMAT Math Score : 45~46

Please note that your estimated score would be higher than the actual score, so please don't solely rely on the estimate score. For example, if your estimated score is Q41-42, but the correct ratio of Q36-40 level is less than 70%, you won't be able to achieve Q41-42 due to CAT (Computerized Adaptive Test) in actual exam.

Please always remember that you must hit 70% or higher for a certain difficulty level of questions to move to a next level of difficulty and higher score level questions.

2. Analysis (all questions, by chapter)

								O : Correct answer	X : Wrong answer
		~34	35~40	41~44	45~48	49~51	Hardest	Correct Ratio	Total
Integer	PS	O	O	O	O	X		4/5 (80%)	9/10 (90%)
	DS	O	O	O	O	O		5/5 (100%)	
Statistics	PS	O	X	O	X	O		3/5 (60%)	7/10 (70%)
	DS	O	O	O	O	X		4/5 (80%)	
Probability	PS		O	O		X		2/3 (67%)	2/4 (50%)
	DS					X		0/1 (0%)	
Inequality	PS		X	X		X		0/3 (0%)	2/6 (33%)
	DS		O	O		X		2/3 (67%)	
Absolute Value	PS		O	X		O		2/3 (67%)	3/6 (50%)
	DS		X	X		O		1/3 (33%)	
Geometry	PS		X	O	O			2/3 (67%)	4/6 (67%)
	DS		O	X	O			2/3 (67%)	
Sequence	PS		O	O	O			3/3 (100%)	3/4 (75%)
	DS				X			0/1 (0%)	
Exponent	PS			X	X			0/2 (0%)	2/4 (50%)
	DS			O	O			2/2 (100%)	

Set	PS		O					1/1 (100%)	2/2 (100%)
	DS			O				1/1 (100%)	
Ratio	PS			X				0/1 (0%)	0/2 (0%)
	DS				X			0/1 (0%)	
Proportion	PS			O				1/1 (100%)	2/2 (100%)
	DS				O			1/1 (100%)	
Equation	PS		X					0/1 (0%)	1/2 (50%)
	DS		O					1/1 (100%)	
Function	PS			X				0/1 (0%)	1/2 (50%)
	DS				O			1/1 (100%)	
Work Rate	PS		O	O				2/2 (100%)	2/4 (50%)
	DS			X	X			0/2 (0%)	
Speed Rate	PS			O	O			2/2 (100%)	3/4 (75%)
	DS			O	X			1/2 (50%)	
INTEGER+STATISTICS	DS						X	0/1 (0%)	0/5 (0%)
INTEGER+STATISTICS	DS						X	0/1 (0%)	
INTEGER+STATISTICS	DS						X	0/1 (0%)	
INTEGER+STATISTICS	DS						X	0/1 (0%)	
INTEGER+STATISTICS	DS						X	0/1 (0%)	
Total	73	4/4 (100%)	11/16 (69%)	14/22 (64%)	10/16 (63%)	4/10 (40%)	0/5 (0%)		43/73 (59%)

3. Analysis (PS + DS)

		~34	35~40	41~44	45~48	49~51	Hardest	Total
PS	36	2/2 (100%)	6/10 (60%)	8/13 (62%)	4/6 (67%)	2/5 (40%)	0/0 (0%)	22/36 (61%)

DS	37	2/2 (100%)	5/6 (83%)	6/9 (67%)	6/10 (60%)	2/5 (40%)	0/5 (0%)	21/37 (57%)
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4. Analysis (Question Type)

		~34	35~40	41~44	45~48	49~51	Hardest	Total
Arithmetic	31	2/2 (100%)	4/8 (50%)	5/7 (71%)	2/3 (67%)	3/8 (38%)	0/3 (0%)	16/31 (52%)
Algebra	22	2/2 (100%)	5/5 (100%)	4/6 (67%)	3/5 (60%)	1/2 (50%)	0/2 (0%)	15/22 (68%)
Geometry	8	0/0 (0%)	1/2 (50%)	1/3 (33%)	3/3 (100%)	0/0 (0%)	0/0 (0%)	5/8 (63%)
Word Problem	12	0/0 (0%)	1/1 (100%)	4/6 (67%)	2/5 (40%)	0/0 (0%)	0/0 (0%)	7/12 (58%)

5. Total Result

Your estimated score	Diagnostic Results
Q49-51	<p>Exceptional math skills Please also read the comments for the lower score level below to make sure you cover all that is pertinent to your study plan</p> <p>1) When it comes to DS, the relationship between the Variable Approach method and the CMT(Common Mistake Types) 3 and 4 is crucial in hitting Q50-51. Hence, it is necessary to study "Advanced for Q50-51". 2) Q50-51 depends on the questions combining inequality with the CMT 3 and 4, which makes it important for you to practice 700+ level questions. 3) Q50-51 also can be achieved by studying revealed integer and hidden integer in DS and PS. You can study them under the DS+PS videos of reveal integer and hidden integer. 4) In addition, you need to study 700+ level questions in order to study questions combining the CMT 3 and 4 with integer and statistics. 5) Complete 5 sets of "Practice Test" to get used to solving questions on computer and managing your time.</p>
Q45-48	<p>Please also read the comments for the lower score level below to make sure you cover all that is pertinent to your study plan</p> <p>1) In order to hit Q49-51, it is a must to fully understand the Variable Approach method and the CMT. That is, GMAT is a logic test not a general math test. That is why you need to change the way you used to study DS and DS videos. 2) In the case of PS, you need to have an eye for viewing the overall structure of GMAT Math by studying IVY approach and 2 by 2. 3) Moreover, you must practice the key questions that cover 80% of GMAT exam, which are "integer, statistics, probability, inequality, absolute value". Also, you must study the Common Mistake Types and the tips. 4) For DS + PS theory lectures, use the FAQ efficiently. You must focus on "DS+PS Core Theory" of MR's "All-In-One 51" course. With your skills, it will be easy to understand, and reviewing the core theories will help to raise your score. 5) Particularly, it is crucial to review the entire DS and PS Core Theory. 6) Be sure to fully understand the current type of questions by studying "Advanced for 50-51".</p>
Q41-44	<p>Please also read the comments for the lower score level below to make sure you cover all that is pertinent to your study plan</p>

	<p>1) Make sure you understand the Variable Approach for DS and the IVY Approach for PS correctly.</p> <p>2) You must focus on "DS+PS theory" of MR's "All-In-One 51" course. You are lacking math skills in general, so it is best to focus on the videos. You should especially study, not only the Core Theory, but also the rest of the 16 chapters.</p> <p>3) You lack skills to understand questions and build equations. Hence, study the Official Guide in order to get used to English expressions presented in GMAT Math. You should especially focus on the questions in the front part of the Official Guide.</p> <p>4) We also strongly advise you to study the "Basic" video module questions as you are not familiar with the current types of questions.</p>
Q37-40	<p>Please also read the comments for the lower score level below to make sure you cover all that is pertinent to your study plan</p> <p>1) Your understanding of basic math theories is very weak. You must review the basics in "Math Review" of MR's "All-In-One 51" course.</p> <p>2) You have to study the basics of the Variable Approach method for DS and the IVY Approach for PS. After that, study "DS+PS theory" lecture. Repeat this part at least 2 times.</p> <p>3) Focus on the easiest questions by practicing the questions under "Introductory" and "Basic" video modules.</p> <p>4) You also need to study easy questions in the Official Guide which can be found in the beginning section.</p> <p>5) Studying the Math Revolution book is strongly recommended. You can learn the basics of the Variable Approach and IVY Approach methods.</p>
-Q36	<p>1) You must study with the intention of studying again from the beginning. That is, studying the very basics should come first. We suggest MR's "All-In-One 51" course, and you should also thoroughly study the basics in "Math Review".</p> <p>2) You seem to lack confidence but please remember the "Slow, Hand, Detail" principle when solving questions. This is the most critical rule to keep in mind at your stage, and never solve questions just by using your eyes.</p> <p>3) Since you lack skills of building equations and coming up with solutions, practice memorizing the questions you have solved and the solutions you used. In other words, you need to memorize all the solutions of DS and PS Core Theory by watching the DS and PS Core Theory videos more than twice.</p> <p>4) You need to practice building equations by understanding questions. Hence, practice questions under "Introductory" and the beginning section of "PS" in the Official Guide in order to know the current types of questions.</p> <p>5) It is strongly recommended to study the Math Revolution book published on Amazon. You can learn the basics of the Variable Approach and IVY Approach methods.</p> <p>6) If you want to shorten the length of study time, we suggest private tutoring.</p>

6. Question Type

1) Arithmetic

Corret Answer Rate	Diagnostic Results
85%~100%	You have exceptional skills in this part. Solve the questions many times and try to solve each questions in 2 minutes.
70%~85%	You have excellent skills in this part. Increase the number of questions you solve, and instead of solving the questions fast, practice solving the questions slowly but accurately.
60%~70%	For this correct answer rate, inequality and absolute value are mostly the weak points. Focus on this part and increase the number of questions you solve.
~60%	When solving the questions, handwrite the solutions step by step without leaving any parts, and solve them slowly and accurately. If you don't write down the steps and solve it in your hands, your skills are not going to improve. Also, practice integer questions, which covers the majority of the exam. Especially, if the correct answer rate is below 50%, you will improve faster if you memorize all the solutions when you are solving the questions.

2) Algebra

Corret Answer Rate	Diagnostic Results
85%~100%	You have exceptional skills in this part. Solve the questions many times and try to solve each questions in 2 minutes. Especially, you should practice solving quadratic and cubic equations.
70%~85%	For all parts, you should practice solving the questions using variable approach of DS. Especially, you can improve by accurately finding the number of variables and equations and watch FAQ video from DS theory thoroughly. For any questions, practice using the variable approach.
60%~70%	It is important to establish the variables and the equations. You will improve when focusing on inequality, absolute value, and probability.
60%~70%	You should focus on integer and statistics, which are the parts that appear the most in GMAT. Then, practice establishing equations and solving for the answer accurately.
~60%	Practice finding the variables and establishing equations accurately. Also, practice the questions by handwriting the solutions step by step. Practice the easy questions. In other words, rather than solving difficult questions, you should solve the basic questions of MR's basic video and the front part of OG, which will make you more confident.

3) Geometry

Corret Answer Rate	Diagnostic Results
80%~100%	Geometry questions of DS are not very difficult. You should practice the geometry questions using variable approach.
60%~80%	Practice solving the geometry questions using variable approach, and for PS, study the characteristics and the nature of polygon.
40%~60%	From geometry, study the part that might be difficult, which are triangles, circles, and the area. Especially, don't forget to solve the questions step by step without leaving any parts.
~40%	You must study the characteristics of triangle and the Pythagorean Theorem. Especially, practice solving the questions by handwriting the steps slowly and accurately.

4) Word problem

Corret Answer Rate	Diagnostic Results
80%~100%	Focus on studying difficult work rate and speed questions. Especially, practice establishing the equations accurately.
60%~80%	Focus on the word problems from OG and MR's medium. Especially, practice work rate, mixture, and other questions, and it is important that you increase the number of questions to practice.
40%~60%	Practice solving easy work rate and speed questions. Especially, don't forget to solve the questions step by step without leaving any parts.
~40%	Practice the basics, which are long sentence questions. Especially, solve easy equation questions from OG and the basic and medium from MR course.

7. PS and DS

1) PS

Corret Answer Rate	Diagnostic Results
85%~100%	Increase the number of questions you solve, and focuse on integer statistics and hidden integers. Practice solving the difficult questions. We suggest MR's 700 level questions.
70%~85%	You will improve your skills if you practice the key questinos that cover 80% of GMAT, which are integer, statistics, inequality, probability, absolute value. We suggest Advanced for Q50-51 of MR's course.
60%~70%	Review the PS core theory of MR and focus on inequality and aboslute value. Especially, we suggest that you study MR's practice test and special question pack to increase the number of questions.
50%~60%	Practice solving arithmetic and algebra questions. Especially, don't forget to solve the questions step by step without leaving any parts. We suggest MR's medium questions. We suggest MR's daily quiz, so you can practice solving the questions every day.
~50%	Practice solving arithmetic and algebra questions. Especially, don't forget to solve the questions step by step without leaving any parts. We suggest MR's medium questions. We suggest MR's daily quiz, so you can practice solving the questions every day.

2) DS

Corret Answer Rate	Diagnostic Results
85%~100%	Master CMT 3,4 from MR's DS video, and learn the relationship between integer and statistics from advanced 5051, which decides gmat math's 51. We suggest MR's 700 level questions. Remember that GMAT math 51 is comprised of CMT3, 4's logic and hidden integer.
70%~85%	Study CMT and other tips using core theory of MR's DS video. Especially, focus on the key questions including integer, statistics, probability, inequality, absolute value. We recommend MR's Advanced 5051 video.
60%~70%	Study CMT and core theory from MR's DS video and watch FAQ video. Solve the difficult questions at the back of OG DS. Solve MR's practice test and special question pack.
50%~60%	Focus on the core theory of MR's DS video. You must have a clear understanding of variable approach to raise the score. Practice MR's medium question. Solve difficult questions in the middle section of OG's DS. Through daily quiz, practice solving the questions every day.
35%~50%	Watch the MR's DS core theory video and memorize how to find the number of variables and equations. In other words, don't solve it in your head - stop the video and

	<p>memorize the solutions. Practice MR's medium questions. Solve the front part of OG's DS.</p>
~35%	<p>Focus on finding the number of variables and equations. We suggest: Materials published by MR on Amazon. DS part on MR's basic video. Focus on MR's math review: algebra. We recommend private tutoring in order to save time.</p>