

Quant and Data Insights, 16 Weeks (2025–6)

Study Course

The GMAT tests a broad scope of subjects, and the volume of available prep material can be overwhelming. Without a way to structure your studying, you risk not reaching your highest potential. This self-study course provides that structure. It pairs comprehensive strategies from *The GMAT Mentor* with carefully curated official practice to give you the best possible preparation for the test.

You'll thoroughly address the Quant and Data Insights sections in 16 weeks, with approximately 6–8 hours per week of studying (in addition to any Verbal studying you're doing). If you have fewer hours than that, adjust accordingly (see "Adjusting the Course").

The self-study course uses two books plus practice tests, in addition to associated online resources:

- ***The GMAT Mentor: Quant and Data Insights* by Mark Glenn** (available at [Amazon](#)): Each week, you'll read some chapters in *The GMAT Mentor* and complete the drills and GMAT problems contained in those chapters. You may also need to brush up on your math basics with the Math Fundamentals Supplement (available as a free download from thegmatmentor.com).
- ***GMAT Official Guide 2025–2026* from GMAC, the makers of the GMAT** (available at Amazon and other booksellers): I've identified related problems in the *Official Guide* that you should complete to reinforce the chapter lessons. Your purchase of the *Official Guide* also gives you access to an Online Question Bank.
- **Official Practice Tests from GMAC**: I recommend the official practice tests (available at mba.com). These are the only practice tests that provide an accurate test experience and scoring.

Contents

Course Overview	2
The <i>Official Guide</i> Online Question Bank	3
Course Syllabus	4
Adjusting the Course	8
Further Resources	9
<i>Official Guide</i> Problem Index	9

Course Overview

The course builds skills from foundation to mastery over a period of 16 weeks:

Prepare Yourself to Prep:

*Get psyched—
you're going to
learn a lot over the
next several weeks.*

- **Shake off the rust (Week 1):** Take the Math Fundamentals Diagnostic Test to gauge whether you need to hone your basic math skills with the Math Fundamentals Supplement (available as a free download from thegmatmentor.com).
- **Learn the process (Weeks 1–2):** Find out how to tackle Quant and Data Insights questions and take your first practice test.
- **Build your foundation (Weeks 2–4):** Learn the arithmetic and statistics concepts often tested in tricky, surprising ways.
- **Progress your core skills (Weeks 5–8):** Build comfort with algebra and core GMAT solving strategies.
- **Master advanced topics (Weeks 9–12):** Gain insight into difficult question types and advanced strategies.
- **Review what you've learned (Weeks 13–16):** The Review Period prior to the actual test is critical to solidify everything you've studied.
- **Get ready for Test Day (Week 16):** Shift focus to your strengths and taper your studying to achieve peak performance on the real test.

Abbreviations

- **DS:** Data Sufficiency
- **GI:** Graphics Interpretation
- **MSR:** Multi-Source Reasoning
- **OG:** *GMAT Official Guide 2025–2026*
- **PS:** Problem Solving
- **TA:** Table Analysis
- **TPA:** Two-Part Analysis

The Official Guide Online Question Bank

Purchase of the *GMAT Official Guide* gives you access to the Online Question Bank. Most of the questions in the Question Bank are also in the *Official Guide*. With the book, you can pick the exact questions you want to work on. Therefore, **whenever possible, the study course references questions as they are numbered in the book.**

However, some questions (including all Multi-Source Reasoning, Table Analysis, and Graphics Interpretation questions) are designated as *Online Exclusive* and are only available in the Online Question Bank.

You can't pick out specific questions in the Question Bank like you can with the book, but when you start a new study session, you can choose question parameters by clicking "Filter by Content & Difficulty" as shown in the screenshot below.

The screenshot shows the "Question Selection" interface. At the top, there is a question mark icon and the title "Question Selection" with the instruction "Choose which questions to include in this session." Below this are three radio button options: "All Questions" (1139 of 1142 questions), "Custom Question Count", and "Filter by Content & Difficulty" (selected). Under "Filter by Content & Difficulty", there are sections for "Difficulty" (Easy, Medium, Hard, all checked) and "Content Areas" (Data, Multi-source Reasoning, Algebra, Arithmetic, Graphics Interpretation, all checked). An "Expand all" button is visible next to the Content Areas section.

Additional Notes on the Online Question Bank

- The number of *Online Exclusive* questions referenced in the course is approximate, since GMAC sometimes updates the questions in its online bank.
- When you Filter by Content & Difficulty, the software doesn't currently allow you to determine the total number of questions in advance. Instead, simply stop once you've finished.

Course Syllabus (Weeks 1–4)

Numbered tasks refer to chapters in *The GMAT Mentor: Quant and Data Insights*.

Week	Task	Instructions
1	1. How The GMAT Mentor is Structured	Read.
	2. Getting Started	Read and take the Math Fundamentals Diagnostic Quiz.
	Math Fundamentals Supplement	The Math Fundamentals Supplement is available as a free download from thegmatmentor.com . Based on the results of your Diagnostic Quiz, read and solve questions as needed. If you need significant work on math fundamentals, you should focus on the Supplement this week and adjust the course accordingly.
	3. Preparation: The Base	Read.
	4. Problem Solving 1	Read and solve in-chapter questions.
	Problem Solving 1 Practice Set	Solve OG Book Problems: 3, 4, 10, 17, 20, 25, 30, 34, 42, 50, 60, 64, 75, 85, 92, 94, 120
	5. Data Insights 1	Read and solve in-chapter questions.
Data Insights 1 Practice Set	Solve OG Book Problems: 414, 416, 417, 419, 424, 430 Solve OG Online Question Bank Problems: MSR: 10 Easy TA: 4 Easy, 2 Medium GI: 6 Easy, 2 Medium	
2	6. Data Sufficiency 1	Read and solve in-chapter questions.
	Data Sufficiency 1 Practice Set	Solve OG Book Problems: 273, 274, 275, 277, 283, 290, 293, 294, 302, 303, 305, 306, 307, 309, 314, 316, 325, 330, 335
	Practice Test #1	Take the test and review it.
	7. Number Properties	Read and solve in-chapter questions.
Number Properties Practice Set	Solve OG Book Problems: 6, 9, 39, 53, 93, 119, 130, 132, 153, 244, 249, 257, 327	
3	8. Divisibility	Read and solve in-chapter questions.
	Divisibility Practice Set	Solve OG Book Problems: 14, 54, 70, 76, 135, 147, 179, 190, 213, 236, 287, 466
	9. Fractions & Friends	Read and solve in-chapter questions.
4	Fractions & Friends Practice Set	Solve OG Book Problems: 8, 12, 16, 31, 40, 63, 65, 77, 95, 118, 163, 170, 194, 260, 279, 282, 317, 320, 328, 343, 393
	10. Statistics	Read and solve in-chapter questions.
	Statistics Practice Set	Solve OG Book Problems: 5, 7, 27, 56, 129, 149, 151, 165, 182, 193, 198, 200, 234, 248, 281, 284, 296, 331, 349, 351, 382, 389, 409, 413

Course Syllabus (Weeks 5–8)

Numbered tasks refer to chapters in *The GMAT Mentor: Quant and Data Insights*.

Week	Task	Instructions
5	11. Mindset, Strategy, and Tactics: The Three Pillars	Read.
	12. Problem Solving 2	Read and solve in-chapter questions.
	Problem Solving 2 Practice Set	Solve OG Book Problems: 15, 28, 29, 45, 46, 51, 57, 59, 62, 90, 114, 121, 122, 143, 146, 148, 189, 201, 206, 219, 223, 247
	13. Data Insights 2	Read and solve in-chapter questions.
	Data Insights 2 Practice Set	Solve OG Book Problems: 422, 426, 431, 435, 439, 446, 449, 454, 457, 458, 463 Solve OG Online Question Bank Problems: MSR: 10 Easy / Medium TA: 3 Easy, 2 Medium, 1 Hard GI: 5 Easy, 3 Medium, 1 Hard
6	14. Data Sufficiency 2	Read and solve in-chapter questions.
	Data Sufficiency 2 Practice Set	Solve OG Book Problems: 276, 280, 285, 286, 323, 333, 344, 345, 352, 354, 362, 363, 370, 371, 375, 376, 377, 387
	15. Exponents & Roots	Read and solve in-chapter questions.
	Exponents & Roots Practice Set	Solve OG Book Problems: 48, 49, 67, 91, 155, 156, 162, 169, 172, 183, 195, 231, 240, 253, 261, 267, 270
7	16. Expressions & Equations	Read and solve in-chapter questions.
	Expressions & Equations Practice Set	Solve OG Book Problems: 13, 22, 72, 83, 103, 160, 202, 209, 212, 255, 297, 322
	17. Inequalities & Absolute Value	Read and solve in-chapter questions.
	Inequalities & Absolute Value Practice Set	Solve OG Book Problems: 26, 36, 55, 73, 79, 84, 131, 171, 175, 220, 304
8	18. Functions & Geometry	Read and solve in-chapter questions.
	Functions & Geometry Practice Set	Solve OG Book Problems: 87, 96, 100, 104, 107, 159, 168, 176, 199, 227, 229, 243, 353, 442, 450
	19. Practice Tests: The Arena	Read.
	Practice Test #2	Take the test and review it.
	Targeted Review	Review any areas of need (based on practice test).

Course Syllabus (Weeks 9–12)

Numbered tasks refer to chapters in *The GMAT Mentor: Quant and Data Insights*.

Week	Task	Instructions
9	20. Problem Solving 3	Read and solve in-chapter questions.
	Problem Solving 3 Practice Set	Solve OG Book Problems: 38, 106, 140, 192, 207, 211, 215, 235, 242
	21. Data Insights 3	Read and solve in-chapter questions.
	Data Insights 3 Practice Set	Solve OG Book Problems: 418, 427, 438, 447, 452, 462 Solve OG Online Question Bank Problems: MSR: 11 Easy / Medium / Hard TA: 3 Easy, 2 Medium, 1 Hard GI: 2 Easy, 3 Medium, 2 Hard
10	22. Data Sufficiency 3	Read and solve in-chapter questions.
	Data Sufficiency 3 Practice Set	Solve OG Book Problems: 311, 312, 326, 341, 342, 359, 367, 368, 373, 391, 394, 395, 396, 398, 399, 400, 402, 403, 404
	23. Word Problems	Read and solve in-chapter questions.
	Word Problems Practice Set	Solve OG Book Problems: 23, 35, 58, 68, 80, 101, 110, 113, 142, 181, 217, 221, 238, 241, 266, 300, 308, 337, 365, 390, 408, 436
11	24. Overlapping Sets & Weighted Averages	Read and solve in-chapter questions.
	Overlapping Sets & Weighted Averages Practice Set	Solve OG Book Problems: 99, 125, 128, 134, 157, 188, 205, 225, 256, 258, 268, 292, 295, 298, 299, 324, 332, 336, 360, 364, 374, 386, 443
	25. Rates & Conversions	Read and solve in-chapter questions.
12	Rates & Conversions Practice Set	Solve OG Book Problems: 11, 18, 19, 21, 32, 66, 82, 102, 116, 127, 141, 161, 166, 174, 230, 289, 318, 319, 338, 358, 381, 384, 410, 428
	26. Combinatorics & Probability	Read and solve in-chapter questions.
	Combinatorics & Probability Practice Set	Solve OG Book Problems: 1, 2, 89, 97, 98, 145, 150, 178, 180, 196, 204, 208, 214, 218, 245, 262, 264, 269, 357, 366, 425, 444

Course Syllabus (Weeks 13–16)

Numbered tasks refer to chapters in *The GMAT Mentor: Quant and Data Insights*.

Week	Task	Instructions
13	27. The Final Countdown	Read.
	Practice Test #3	Take the test and review it.
	Targeted Review	Review any areas of need (based on practice test).
	Data Insights Review Set A	Solve OG Book Problems: 412, 420, 423, 432, 434, 445, 453, 455, 459, 461, 464 Solve OG Online Question Bank Problems: MSR: 11 Medium / Hard TA: 1 Easy, 2 Medium, 3 Hard GI: 1 Easy, 5 Medium, 3 Hard
	Arithmetic & Statistics Review Set	Solve OG Book Problems: 24, 44, 52, 88, 105, 108, 112, 124, 126, 136, 164, 173, 187, 226, 228, 263, 265, 355, 356, 379, 383, 385, 451
14	Practice Test #4	Take the test and review it.
	Targeted Review	Review any areas of need (based on practice test).
	Algebra Review Set	Solve OG Book Problems: 43, 71, 78, 117, 123, 152, 191, 216, 224, 233, 237, 246, 259, 271, 272, 334, 406
	Problem Solving Review Set	Solve OG Book Problems: 33, 37, 41, 47, 61, 69, 74, 86, 109, 158, 177, 203, 210, 252, 254
	Advanced Math Topics Review Set	Solve OG Book Problems: 81, 111, 115, 133, 137, 138, 139, 144, 154, 167, 184, 185, 186, 197, 222, 232, 239, 250, 251, 301, 315, 339, 348, 350, 372, 378, 380, 437, 448
15	Practice Test #5	Take the test and review it.
	Targeted Review	Review any areas of need (based on practice test).
	Data Sufficiency Review Set	Solve OG Book Problems: 278, 288, 291, 310, 313, 321, 329, 340, 346, 347, 361, 369, 388, 392, 397, 401, 405, 407
	Data Insights Review Set B	Solve OG Book Problems: 411, 415, 421, 429, 433, 440, 441, 456, 460, 465 Solve OG Online Question Bank Problems: MSR: 10 Medium / Hard TA: 1 Easy, 2 Medium, 3 Hard GI: 1 Easy, 4 Medium, 3 Hard
16	Practice Test #6	Take the test (about one week before your actual test) and review it.
	Targeted Review	Review any areas of need (based on practice test).
	Online Exclusive Mixed Set	Solve Remaining OG Online Question Bank Problems: DS: 1 Easy, 7 Medium, 2 Hard MSR: 3 Medium / Hard TA: 1 Medium, 2 Hard GI: 1 Medium, 2 Hard PS: 5 Easy, 9 Medium, 5 Hard

Adjusting the Course

When a tennis coach gives guidance to his players before a match, he provides powerful strategies to help them win. But once the match begins, certain things may change. Maybe the opponent's forehand isn't the powerful weapon it was thought to be—but the drop shot is absolutely deadly. A smart player knows that the coach's guidance must be adapted to the moment. Players who make excellent in-game adjustments have much more success than those who don't.

Be Flexible:
In terms of both your study plan and solving individual questions, smart adjustments are key to success.

Think of your course syllabus in much the same way. It provides a blueprint for success, but you may find that you make easy progress with some question types while struggling with others. As you gain experience with the material, you can and should vary from it as needed. In making adjustments, keep the following principles in mind:

- **Invest time where it's needed:** Spend the time to get a solid (if not complete) understanding of each topic. It's fine to take longer on your problem areas so long as you still invest some time on your strengths.
- **Quality over quantity:** Remember that your goal is *learning*, not checking the box on completing lessons or questions. If your time is limited, I'd rather you complete half the listed OG problems and understand them thoroughly than rush to finish every problem.
- **Customize your review:** As discussed in Chapter 27: The Final Countdown, the Review Period prior to the actual test is critical to achieving success. You should tailor your review sets to address your weaknesses (while again not neglecting your strengths).

Should you time your problem sets?

*When reading *The GMAT Mentor* for the first time:* **No.** You need to understand concepts before timing yourself, and *The GMAT Mentor* continually introduces you to new concepts.

*When doing *Official Guide* problems:* **Sometimes.** Time yourself on the practice sets only once you feel ready. Once you're in the Review Period, you should time yourself frequently.

To time your practice, give yourself about 2 minutes per question for Quant and Data Insights questions. (See Chapter 19: Practice Tests for more on pacing.)

Further Resources

If you need more GMAT practice on Quant and Data Insights questions, I recommend the following official practice guides (available at Amazon and other booksellers):

- *GMAT Official Guide Quantitative Review 2025–2026*
- *GMAT Official Guide Data Insights Review 2025–2026*

Also, don't forget about the GMAT Official Starter Kit, which comes with your mba.com registration. The Starter Kit contains 76 GMAT questions across types.

Finally, note that you can take official practice tests more than once. (You can take Tests #1 and #2 an unlimited number of times, and tests #3–6 twice each.) Because the tests are adaptive and possess large pools of questions, you won't see many question repeats on your first retake, particularly if your ability level has gone up significantly since the last time you took that test. If you retake any tests, start again with Test #1.

Official Guide Problem Index

The 2025–6 *Official Guide* classifies Quant and Data Insights problems by problem type and as Easy, Medium, or Hard, as follows:

Problem Type	Easy	Medium	Hard
Problem Solving (pp. 82–124)	1–96	97–176	177–272
Data Sufficiency (pp. 258–274)	273–319	320–362	363–409
Two-Part Analysis (pp. 337–356)	410–427	428–450	451–466

During your Review Period, you may wish to revisit OG problems that deal with particular GMAT topics or subtopics. For example, if you want to focus on statistics problems (covered in Chapter 10: Statistics), the index lists the OG statistics problems assigned in the study course as well as statistics problems assigned to review sets or to other chapters.

Additional Notes on the Official Guide Problem Index

- Some chapters, such as the Building GMAT Success chapters (which don't have any GMAT problems) are excluded. Also excluded are Problem Solving 1 and 2, Data Insights 1 and 2, and Data Sufficiency 1 and 2, all of which contain strategies that apply generally across problems rather than specific question types.
- Certain topics, such as percents, are heavily represented in the *Official Guide*, reflecting their frequent presence on the practice tests and real tests. Naturally, you must be strong in the mechanics of working with these common topics—but be aware that most “percent” problems, for example, are really testing your quantitative reasoning as well as other math concepts.
- On the other hand, certain topics, such as special graph types, are *not* well-represented in the *Official Guide*, even though they show up fairly often in practice tests and real tests. Questions on such topics will show up in the Online Question Bank (often as Graphics Interpretation or Multi-Source Reasoning questions).

Make It Official:
mba.com has a number of products with additional official practice questions.

Official Guide Problem Index
(The GMAT Mentor Part IV: Arithmetic)

<i>The GMAT Mentor</i> Chapter	Subtopic	Chapter Practice Set	Review Set Problems	Additional Problems (assigned to other chapters)
7. Number Properties	The Number Line	9, 130		175, 224
	Digit Values	39, 119, 132, 153, 249, 327	52, 126	183
	Positive / Negative / Zero	53, 93, 244, 257	108	168
	Evens / Odds	6		
8. Divisibility	Division and Remainder	54, 76, 190	112	74, 156, 210, 235
	Divisibility and Factors	14, 147, 179, 213, 236, 466	24, 226	52, 199, 209, 387
	Multiples	70, 135, 287		373
	Factorials			137, 150, 208, 264
9. Fractions & Friends	Fractions	8, 40, 63, 77	385	20, 33, 51, 60, 62, 143, 159, 177, 250
	Fractions and Decimals	260		28, 233
	Percents	16, 31, 118, 170	88, 136, 173, 263	4, 25, 30, 34, 42, 45, 47, 59, 75, 86, 90, 109, 120, 121, 122, 148, 158, 189, 203, 206, 238, 241, 266, 314, 316, 330, 335, 344, 346, 348, 354, 363, 365, 371, 392, 408, 416, 455, 463
	Ratios	12, 65, 95, 163, 194, 279, 282, 317, 320, 328, 343, 393	44, 356, 379	14, 15, 37, 106, 280, 285, 286, 288, 323, 342
10. Statistics	Sets	27		254
	Average	193, 248, 281, 349, 413	355	3, 6, 72, 273, 283, 294, 407
	Median	7, 149, 151, 182, 198, 284, 351, 382, 389	105, 383, 451	162, 276
	Equally Spaced Sets	5, 129, 165, 234	187, 228, 265	114, 267
	Range and Mode			291, 391
	Standard Deviation	56, 200, 296, 331, 409	124, 164	

Official Guide Problem Index

(The GMAT Mentor Parts VII: Algebra and IX: Special Types & Techniques)

<i>The GMAT Mentor</i> Chapter	Subtopic	Chapter Practice Set	Review Set Problems	Additional Problems (assigned to other chapters)
15. Exponents & Roots	Exponents	67, 91, 156, 162, 169, 183, 195, 231, 240, 253, 261, 267	233, 259, 406	36, 38, 76, 79, 126, 146, 220, 347
	Roots	48, 49, 155, 172, 270	71, 272	73, 87
16. Expressions & Equations	Simultaneous Equations	13, 22, 83, 297, 322	43, 152	44, 85, 186, 217, 274, 275, 278, 305, 306, 307, 321, 325, 340, 370, 376, 377
	Quadratic and Higher Degree Equations	72, 103, 160, 202, 209, 212, 255	78, 123, 191, 246	108, 139, 219, 252
17. Inequalities & Absolute Value	Inequalities	26, 55, 73, 84, 131, 175, 220, 304	216, 334	195, 257, 367, 368, 369, 446
	Absolute Value	36, 79, 171	224	130
18. Functions & Geometry	Functions	87, 96, 100, 104, 107, 159, 168, 199, 227, 229, 243, 353, 442	117, 237, 271	46, 53, 140, 215, 272
	Coordinate Geometry	176		
	Other Geometry Questions	450		
20. Problem Solving 3	Problem Solving Logic	38, 106		55, 71, 117, 123, 152, 265
	Max / Min	140, 192, 215, 242	254	26, 244
	Complex Setups	207, 211, 235	177, 210	
21. Data Insights 3	Special Graph Types	418		
	Conditional Reasoning	447, 452, 462	411	
	Logic Games	427, 438	456	
22. Data Sufficiency 3	Relationships Between the Statements	342, 391		
	Tricky Constraint Problems	326, 341, 367, 368, 373	321, 329, 369	
	Logic-Based Data Sufficiency	311, 312, 359, 394, 395, 396, 398, 399, 400, 402, 403, 404	310, 313, 397, 401, 405	

Official Guide Problem Index

(The GMAT Mentor Part X: Advanced Math Topics)

<i>The GMAT Mentor</i> Chapter	Subtopic	Chapter Practice Set	Review Set Problems	Additional Problems (assigned to other chapters)
23. Word Problems	Algebraic Translation	80, 217, 266, 408	139, 250, 350	17, 29, 40, 61, 64, 69, 92, 96, 118, 131, 172, 192, 201, 207, 211, 223, 271, 290, 293, 303, 326, 341, 362, 375, 385
	Revenue, Cost, and Profit	23, 35, 58, 101, 110, 181, 221, 241, 337, 390	81, 348	10, 41, 50, 57, 94, 138, 263, 302, 333, 361, 388
	Change Scenarios	113, 238, 365	186	322, 345
	Interest and Exponential Growth	68, 142, 300, 308, 436	197, 222	
24. Overlapping Sets & Weighted Averages	Overlapping Sets	99, 125, 128, 134, 157, 188, 258, 292, 295, 298, 299, 324, 336, 364, 386	133, 239, 339, 378	
	Weighted Averages	205, 225, 256, 268, 332, 360, 374, 443	111, 185, 380	248, 356
25. Rates & Conversions	Rates	21, 66, 116, 127, 141, 161, 174, 230, 289, 318, 319, 358, 381, 384, 410, 428	144, 315, 372, 437	309, 441
	Conversions	11, 18, 19, 32, 82, 102, 166, 338	115, 138, 167	277, 412
26. Combinatorics & Probability	Factorials	150, 208, 264	137	
	Combinatorics	178, 214, 218, 245, 262, 269	154, 184, 232	
	Probability	1, 2, 89, 97, 98, 145, 180, 196, 204, 357, 366, 425, 444	251, 301, 448	24, 423, 465