Quant and Data Insights, 12 Weeks (2026–7) 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 12 weeks, with approximately 8–10 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 2026–2027* 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.

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Course Overview

The course builds skills from foundation to mastery over a period of 12 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.
- **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 2–3)**: Learn the arithmetic and statistics concepts often tested in tricky, surprising ways.
- **Progress your core skills (Weeks 4–6):** Build comfort with algebra and core GMAT solving strategies.
- **Master advanced topics (Weeks 7–9):** Gain insight into difficult question types and advanced strategies.
- **Review what you've learned (Weeks 10–12):** The Review Period prior to the actual test is critical to solidify everything you've studied.
- **Get ready for Test Day (Week 12):** Shift focus to your strengths and taper your studying to achieve peak performance on the real test.

Prepare Yourself to Prep:
Get psyched—you're going to learn a lot over the next several weeks.

Abbreviations

- **DS**: Data Sufficiency
- **GI**: Graphics Interpretation
- **MSR**: Multi-Source Reasoning
- **OG**: *GMAT Official Guide 2026–2027*
- **PS**: Problem Solving
- **TA**: Table Analysis
- **TPA**: Two-Part Analysis

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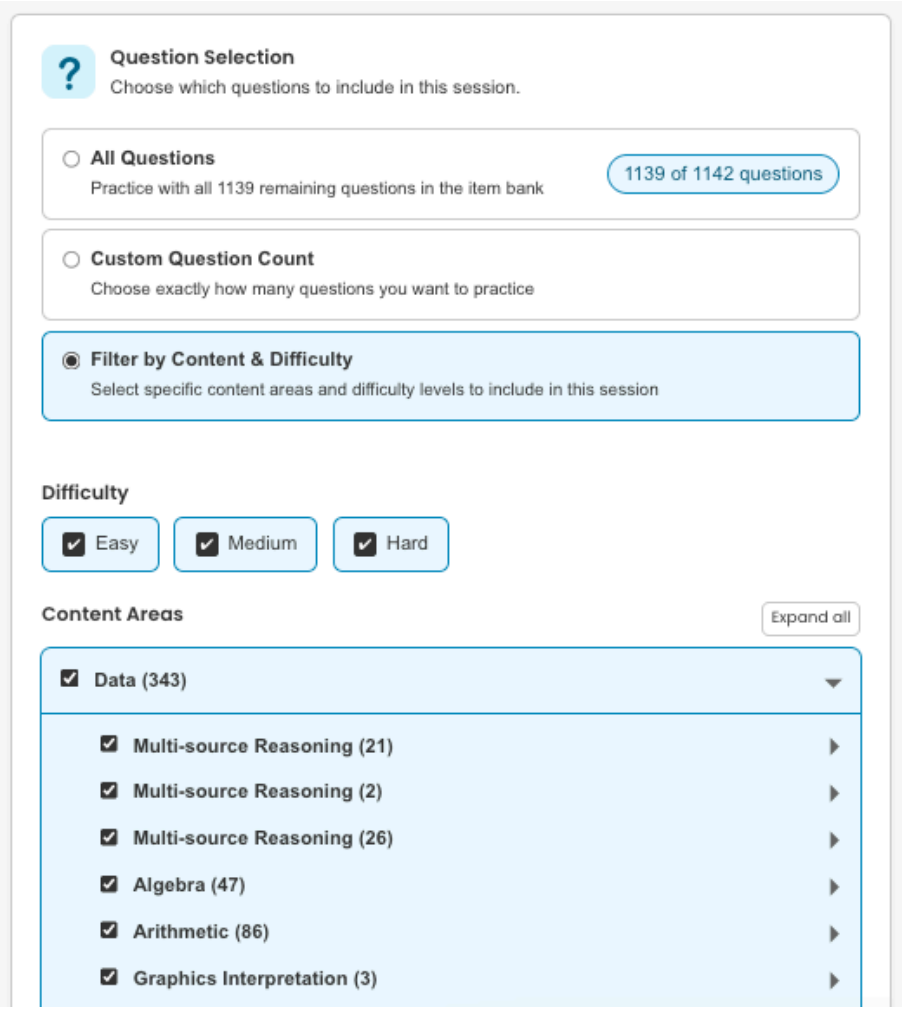
The *Official Guide* Online Question Bank

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 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.



Additional Notes on the Online Question Bank

- The number of online 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 1–3)

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	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 push out the timeline 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, 97, 127
	5. Data Insights 1	Read and solve in-chapter questions.
	Data Insights 1 Practice Set	Solve OG Book Problems: 441, 443, 444, 446, 451, 458, 480 Solve OG Online Question Bank Problems: MSR: 11 Easy TA: 6 Easy, 1 Medium GI: 7 Easy, 2 Medium
	6. Data Sufficiency 1	Read and solve in-chapter questions.
	Data Sufficiency 1 Practice Set	Solve OG Book Problems: 294, 295, 296, 298, 304, 311, 314, 315, 323, 324, 326, 327, 328, 330, 335, 337, 350, 355, 360
2	Practice Test #1	Take the test (if you haven't already taken it) and review.
	7. Number Properties	Read and solve in-chapter questions.
	Number Properties Practice Set	Solve OG Book Problems: 6, 9, 39, 53, 93, 126, 137, 139, 160, 259, 264, 272, 352
	8. Divisibility	Read and solve in-chapter questions.
	Divisibility Practice Set	Solve OG Book Problems: 14, 54, 70, 76, 142, 154, 194, 205, 228, 251, 293, 308, 502
3	9. Fractions & Friends	Read and solve in-chapter questions.
	Fractions & Friends Practice Set	Solve OG Book Problems: 8, 12, 16, 31, 40, 59, 63, 65, 77, 95, 125, 170, 177, 185, 204, 209, 275, 300, 303, 338, 345, 353, 368, 419, 504
	10. Statistics	Read and solve in-chapter questions.
	Statistics Practice Set	Solve OG Book Problems: 5, 7, 27, 56, 99, 100, 103, 136, 156, 158, 172, 197, 208, 213, 215, 249, 263, 292, 302, 305, 317, 356, 374, 376, 408, 415, 435, 436, 440

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Course Syllabus (Weeks 4–6)

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

Week	Task	Instructions
4	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, 62, 90, 121, 128, 129, 150, 153, 155, 189, 216, 221, 234, 238, 262, 291
	13. Data Insights 2	Read and solve in-chapter questions.
	Data Insights 2 Practice Set	Solve OG Book Problems: 449, 453, 459, 463, 467, 474, 479, 481, 485, 490, 493, 494, 499 Solve OG Online Question Bank Problems: MSR: 11 Easy / Medium TA: 4 Easy, 2 Medium, 1 Hard GI: 2 Easy, 6 Medium, 2 Hard
	14. Data Sufficiency 2	Read and solve in-chapter questions.
	Data Sufficiency 2 Practice Set	Solve OG Book Problems: 297, 301, 306, 307, 344, 348, 358, 369, 370, 377, 379, 387, 388, 389, 396, 397, 401, 402, 403, 413
5	15. Exponents & Roots	Read and solve in-chapter questions.
	Exponents & Roots Practice Set	Solve OG Book Problems: 48, 49, 67, 91, 101, 162, 163, 169, 176, 179, 191, 198, 210, 246, 255, 268, 276, 282, 285, 289
	16. Expressions & Equations	Read and solve in-chapter questions.
	Expressions & Equations Practice Set	Solve OG Book Problems: 13, 22, 72, 83, 110, 167, 188, 217, 224, 227, 270, 318, 343, 347
6	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, 98, 138, 178, 182, 235, 325
	18. Functions & Geometry	Read and solve in-chapter questions.
	Functions & Geometry Practice Set	Solve OG Book Problems: 87, 96, 107, 111, 114, 166, 175, 183, 214, 242, 244, 258, 378, 470, 478
	19. Practice Tests: The Arena	Read.
	Practice Test #2	Take the test and review.
	Targeted Review	Review any areas of need based on practice test.

Course Syllabus (Weeks 7–9)

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

Week	Task	Instructions
7	20. Problem Solving 3	Read and solve in-chapter questions.
	Problem Solving 3 Practice Set	Solve OG Book Problems: 38, 113, 147, 184, 207, 222, 226, 230, 250, 257
	21. Data Insights 3	Read and solve in-chapter questions.
	Data Insights 3 Practice Set	Solve OG Book Problems: 445, 454, 466, 475, 488, 498 Solve OG Online Question Bank Problems: MSR: 11 Easy / Medium / Hard TA: 4 Easy, 1 Medium, 2 Hard GI: 1 Easy, 4 Medium, 4 Hard
	22. Data Sufficiency 3	Read and solve in-chapter questions.
	Data Sufficiency 3 Practice Set	Solve OG Book Problems: 332, 333, 341, 342, 351, 366, 367, 384, 393, 394, 399, 417, 420, 421, 422, 424, 425, 426, 428, 429, 430
8	23. Word Problems	Read and solve in-chapter questions.
	Word Problems Practice Set	Solve OG Book Problems: 23, 35, 58, 68, 80, 102, 108, 117, 120, 149, 196, 232, 236, 253, 281, 321, 329, 362, 391, 416, 434, 455, 464
	24. Overlapping Sets & Weighted Averages	Read and solve in-chapter questions.
	Overlapping Sets & Weighted Averages Practice Set	Solve OG Book Problems: 106, 132, 135, 141, 164, 190, 203, 220, 240, 256, 271, 273, 283, 290, 313, 316, 319, 320, 349, 357, 361, 385, 390, 400, 412, 471, 483
9	25. Rates & Conversions	Read and solve in-chapter questions.
	Rates & Conversions Practice Set	Solve OG Book Problems: 11, 18, 19, 21, 32, 66, 82, 109, 123, 134, 148, 168, 173, 181, 187, 245, 288, 310, 339, 340, 363, 383, 407, 410, 437, 456
	26. Combinatorics & Probability	Read and solve in-chapter questions.
	Combinatorics & Probability Practice Set	Solve OG Book Problems: 1, 2, 89, 104, 105, 152, 157, 193, 195, 211, 219, 223, 229, 233, 260, 277, 279, 284, 382, 392, 452, 472
	Practice Test #3	Take the test and review.
	Targeted Review	Review any areas of need based on practice test.

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Course Syllabus (Weeks 10–12)

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

Week	Task	Instructions
10	27. The Final Countdown	Read.
	Data Insights Review Set A	Solve OG Book Problems: 439, 447, 450, 460, 462, 473, 482, 489, 491, 495, 497, 500, 503 Solve OG Online Question Bank Problems: MSR: 11 Medium / Hard TA: 3 Easy, 2 Medium, 2 Hard GI: 1 Easy, 5 Medium, 4 Hard
	Arithmetic & Statistics Review Set	Solve OG Book Problems: 24, 44, 52, 88, 112, 115, 119, 131, 133, 143, 171, 180, 186, 202, 241, 243, 278, 280, 380, 381, 405, 409, 411, 487
	Practice Test #4	Take the test and review.
	Targeted Review	Review any areas of need based on practice test.
	Algebra Review Set	Solve OG Book Problems: 43, 71, 78, 124, 130, 159, 206, 231, 239, 248, 252, 261, 274, 286, 287, 359, 432
11	Problem Solving Review Set	Solve OG Book Problems: 33, 37, 41, 47, 61, 69, 74, 86, 116, 165, 192, 218, 225, 267, 269
	Practice Test #5	Take the test and review.
	Targeted Review	Review any areas of need based on practice test.
	Advanced Math Topics Review Set	Solve OG Book Problems: 81, 118, 122, 140, 144, 145, 146, 151, 161, 174, 199, 200, 201, 212, 237, 247, 254, 265, 266, 322, 336, 364, 373, 375, 398, 404, 406, 465, 476
	Data Sufficiency Review Set	Solve OG Book Problems: 299, 309, 312, 331, 334, 346, 354, 365, 371, 372, 386, 395, 414, 418, 423, 427, 431, 433
	Data Insights Review Set B	Solve OG Book Problems: 438, 442, 448, 457, 461, 468, 469, 484, 486, 492, 496, 501 Solve OG Online Question Bank Problems: MSR: 11 Medium / Hard TA: 2 Easy, 2 Medium, 2 Hard GI: 1 Easy, 4 Medium, 4 Hard
12	Practice Test #6	Take the test and review.
	Targeted Review	Review any areas of need based on practice test.

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.)

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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 2026–2027*
- *GMAT Official Guide Data Insights Review 2026–2027*

Also, don't forget about the GMAT Official Starter Kit, which comes with your mba.com registration. As of this writing, the Starter Kit contains 74 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.

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

Official Guide Problem Index

The 2026–7 *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. 82–126)	1–103	104–191	192–293
Data Sufficiency (pp. 268–284)	294–344	345–388	389–436
Two-Part Analysis (pp. 349–372)	437–455	456–486	487–504

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 following 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).

Official Guide Problem Index

(*The GMAT Mentor* Part IV: Arithmetic)

The GMAT Mentor Chapter	Subtopic	Chapter Practice Set	Review Set Problems	Additional Problems (assigned to other chapters)
7. Number Properties	The Number Line	9, 137		182, 239
	Digit Values	39, 126, 139, 160, 264, 352	52, 133	198
	Positive / Negative / Zero	53, 93, 259, 272	115	175
	Evens / Odds	6		
8. Divisibility	Division and Remainder	54, 76, 205, 293	119	74, 163, 225, 250
	Divisibility and Factors	14, 154, 194, 228, 251, 502	24, 241	52, 214, 224, 413
	Multiples	70, 142, 308		399
	Factorials			144, 157, 223, 279
9. Fractions & Friends	Fractions	8, 40, 63, 77	411	20, 33, 51, 60, 62, 101, 150, 166, 191, 192, 265
	Fractions and Decimals	275		28, 248
	Percents	16, 31, 59, 125, 177, 185, 204, 504	88, 143, 180, 278	4, 25, 30, 34, 42, 45, 47, 75, 86, 90, 116, 127, 128, 129, 155, 165, 189, 218, 221, 253, 256, 281, 335, 337, 355, 360, 369, 371, 373, 379, 389, 391, 397, 418, 434, 443, 491, 499
	Ratios	12, 65, 95, 170, 209, 300, 303, 338, 345, 353, 368, 419	44, 381, 405	14, 15, 37, 113, 301, 306, 307, 309, 348, 367
10. Statistics	Sets	27		269
	Average	99, 208, 263, 302, 374, 436, 440	380	3, 6, 72, 184, 294, 304, 315, 433
	Median	7, 156, 158, 197, 213, 305, 376, 408, 415	112, 409, 487	169, 297
	Equally Spaced Sets	5, 100, 136, 172, 249	202, 243, 280	121, 282
	Range and Mode			312, 417
	Standard Deviation	56, 103, 215, 292, 317, 356, 435	131, 171, 186	

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Official Guide Problem Index

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

The GMAT Mentor Chapter	Subtopic	Chapter Practice Set	Review Set Problems	Additional Problems (assigned to other chapters)
15. Exponents & Roots	Exponents	67, 91, 101, 163, 169, 176, 191, 198, 210, 246, 255, 268, 276, 282, 289	248, 274, 432	36, 38, 76, 79, 133, 153, 235, 372
	Roots	48, 49, 162, 179, 285	71, 287	73, 87
16. Expressions & Equations	Simultaneous Equations	13, 22, 83, 188, 318, 343, 347	43, 159	44, 85, 201, 232, 295, 296, 299, 326, 327, 328, 344, 346, 350, 365, 388, 396, 402, 403
	Quadratic and Higher Degree Equations	72, 110, 167, 217, 224, 227, 270	78, 130, 206, 261	115, 146, 234, 267
17. Inequalities & Absolute Value	Inequalities	26, 55, 73, 84, 138, 182, 235, 325	231, 359	210, 272, 393, 394, 395, 474
	Absolute Value	36, 79, 98, 178	239	137
18. Functions & Geometry	Functions	87, 96, 107, 111, 114, 166, 175, 214, 242, 244, 258, 378, 470	124, 252, 286	46, 53, 147, 230, 287
	Coordinate Geometry	183		
	Other Geometry Questions	478		
20. Problem Solving 3	Problem Solving Logic	38, 113		55, 71, 124, 130, 159, 280
	Max / Min	147, 184, 207, 230, 257	269	26, 99, 259
	Complex Setups	222, 226, 250	192, 225	
21. Data Insights 3	Special Graph Types	445		
	Conditional Reasoning	475, 488, 498	438	
	Logic Games	454, 466	492	
22. Data Sufficiency 3	Relationships Between the Statements	341, 367, 417		
	Tricky Constraint Problems	351, 366, 393, 394, 399	346, 354, 395	
	Logic-Based Data Sufficiency	332, 333, 342, 384, 420, 421, 422, 424, 425, 426, 428, 429, 430	331, 334, 423, 427, 431	

Official Guide Problem Index

(*The GMAT Mentor* Part X: Advanced Math Topics)

The GMAT Mentor Chapter	Subtopic	Chapter Practice Set	Review Set Problems	Additional Problems (assigned to other chapters)
23. Word Problems	Algebraic Translation	80, 102, 232, 281, 434, 455	146, 265, 375	17, 29, 40, 61, 64, 69, 92, 96, 125, 138, 179, 188, 207, 216, 222, 226, 238, 286, 291, 311, 314, 324, 351, 366, 387, 401, 411
	Revenue, Cost, and Profit	23, 35, 58, 108, 117, 196, 236, 256, 362, 416	81, 373	10, 41, 50, 57, 94, 145, 185, 278, 323, 358, 386, 414
	Change Scenarios	120, 253, 391	201	347, 370
	Interest and Exponential Growth	68, 149, 321, 329, 464	212, 237	
24. Overlapping Sets & Weighted Averages	Overlapping Sets	106, 132, 135, 141, 164, 203, 273, 290, 313, 316, 319, 320, 349, 361, 390, 412, 483	140, 254, 364, 404	
	Weighted Averages	190, 220, 240, 271, 283, 357, 385, 400, 471	118, 200, 406	263, 381
25. Rates & Conversions	Rates	21, 66, 123, 134, 148, 168, 181, 245, 288, 310, 339, 340, 383, 407, 410, 437, 456	151, 336, 398, 465	330, 469
	Conversions	11, 18, 19, 32, 82, 109, 173, 187, 363	122, 145, 174	298, 439
26. Combinatorics & Probability	Factorials	157, 223, 279	144	
	Combinatorics	193, 229, 233, 260, 277, 284	161, 199, 247	
	Probability	1, 2, 89, 104, 105, 152, 195, 211, 219, 382, 392, 452, 472	266, 322, 476	24, 450, 501

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