



# MANHATTAN PREP

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## The GMAT 2023 Official Guide Problem List

This file lists all of the Official Guide 2023 problems by Quant + DI content area and strategy type or by Verbal problem type. Use this to make mixed problem sets or to check whether you were able to correctly classify a problem yourself. Avoid doing all problems of one type in a row or in a single problem set, as the real test will never give you multiple problems of the same type in a row.

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## FDPRs Problem Solving by Topic

These sets are from *The GMAT Official Guide, 2023-2024 edition* (pgs. 74–108).

To best make use of this list of problems, we recommend tracking your work in our *GMAT Navigator* tool. You will be able to record the time you spent on each problem, the answer you chose, whether you guessed, and whether you want to redo the problem in the future. Additionally, we have provided our own explanations of the best way to do every Problem Solving and Data Sufficiency problem from *The GMAT Official Guide (2023-2024 Edition)*.

**Note:** Online only problems are listed in this document by their five digit online Question ID (QID). These problems are not part of the printed materials for the 2023-2024 edition of the OG, but they are available in digital form once you register your OG for MBA.com’s Online Question Bank.

### FDPs

*OG 2023:* 39, 109, 139

### Fractions

*OG 2023:* 8, 11, 20, 40, 46, 51, 60, 62, 63, 69, 77, 97, 134, 166, 170, 219, 01065

### Ratios

*OG 2023:* 12, 14, 37, 44, 163

### Percents

*OG 2023:* 4, 7, 16, 19, 33, 47, 59, 61, 67, 75, 83, 86, 100, 110, 111, 112, 126, 127, 133, 158, 172, 175, 191, 207, 210, 216, 09854, 02746

### Digits and Decimals

*OG 2023:* 88, 98, 123, 137, 144, 152, 192, 200, 202, 218, 223, 09388

## FDPRs Data Sufficiency by Topic

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### Fractions

*OG 2023:* 275, 324

### Ratios

*OG 2023:* 233, 235, 236, 238, 241, 242, 245, 259, 272, 281, 291, 318, 332, 13026

### Percents

*OG 2023:* 267, 282, 250, 251, 253, 257, 280, 289, 294, 295, 297, 304, 310, 314, 316, 331, 05982, 05380

## Algebra Problem Solving by Topic

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### Linear Equations and Combos

OG 2023: 10, 13, 22, 29, 43, 50, 80, 155, 161, 186

### Exponents and Roots

OG 2023: 65, 96, 115, 164, 181, 209, 213, 222, 228, 12096

### Quadratic Equations

OG 2023: 71, 78, 94, 99, 114, 130, 160, 171, 215, 221, 224, 13089

### Formulas

OG 2023: 53, 68, 87, 91, 95, 108, 113, 131, 184, 196, 198, 206, 212, 11052

### Inequalities and Max/Min

OG 2023: 26, 34, 55, 73, 84, 122, 185, 189, 193, 226

## Algebra Data Sufficiency by Topic

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### Linear Equations and Combos

OG 2023: 230, 260, 269, 270, 274, 278, 290

### Formulas

OG 2023: 246, 263

### Inequalities and Max/Min

OG 2023: 261, 292, 293, 306, 307, 309

## Word Problems Problem Solving by Topic

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### Translations

OG 2023: 2, 5, 9, 17, 18, 23, 32, 35, 41, 42, 57, 58, 64, 81, 82, 92, 93, 101, 104, 106, 129, 150, 188, 190

### Rates and Work

OG 2023: 66, 72, 107, 118, 132, 135, 199, 10292

### Overlapping Sets

OG 2023: 90, 116, 119, 124, 125, 157, 208, 227, 10490, 10310, 00893

### Statistics

OG 2023: 1, 3, 21, 30, 49, 56, 79, 121, 138, 140, 142, 151, 156, 162, 167, 169, 180, 194, 211, 217, 07710

### Weighted Averages

OG 2023: 15, 85, 102, 143, 154, 174, 225

### Consecutive Integers

OG 2023: 76, 89, 105, 120, 141, 197, 203, 12273

### Extra Problem Types

OG 2023: 45, 79, 176

## Word Problems Data Sufficiency by Topic

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### Translations

OG 2023: 231, 234, 264, 265, 271, 279, 282, 283, 284, 286, 299, 312, 315, 327, 329, 09994, 00796

### Rates and Work

OG 2023: 233, 287, 311, 320, 323, 00401

### Overlapping Sets

OG 2023: 249, 252, 255, 256, 262, 273, 288, 303, 317, 325, 00147, 07205, 10567

### Statistics

OG 2023: 229, 232, 237, 239, 240, 247, 248, 266, 276, 277, 298, 300, 321, 322, 328, 330, 00624, 10799, 13396

### Weighted Averages

OG 2023: 313, 319, 10796

### Consecutive Integers

OG 2023: 296, 06836, 08901

### Extra Problem Types

OG 2023: 254, 301, 308

## Number Properties Problem Solving by Topic

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### Divisibility and Primes

*OG 2023:* 52, 54, 70, 103, 128, 148, 159, 168, 177, 178, 179, 182, 195, 204, 205, 09854, 06515, 10605, 10552

### Odd, Evens, Positives and Negatives

*OG 2023:* 36

### Combinatorics

*OG 2023:* 145, 147, 153, 183, 187, 201, 214, 00242

### Probability

*OG 2023:* 24, 136, 149, 165, 173, 220, 13573

## Number Properties Data Sufficiency by Topic

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### Divisibility and Primes

*OG 2023:* 244, 326

### Probability

*OG 2023:* 243, 258, 285, 305

## Problem Solving by Strategy

These sets are from *The GMAT Official Guide, 2023-2024 edition* (pgs. 74–108).

A problem is listed if it can be solved using the relevant strategy—but that strategy may not necessarily be the best way for you to solve. Practice some problems multiple ways so that you can learn when you want to use which approach.

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### Test Cases

OG 2023: 21, 26, 36, 38, 49, 52, 55, 70, 73, 96, 97, 108, 123, 189, 193, 226, 10552

### Choose Smart Numbers

OG 2023: 19, 27, 54, 60, 62, 72, 75, 76, 78, 81, 87, 92, 107, 111, 116, 121, 124, 125, 133, 135, 141, 151, 162, 165, 170, 172, 181, 186, 190, 199, 207, 216, 07710, 10292, 01065

### Work Backwards

OG 2023: 10, 11, 14, 15, 20, 22, 29, 32, 34, 40, 48, 50, 57, 58, 59, 63, 64, 67, 69, 80, 83, 85, 90, 104, 114, 122, 130, 131, 139, 143, 144, 160, 161, 174, 183, 188, 217, 221, 00563, 09854

### Estimate

OG 2023: 28, 37, 39, 41, 44, 46, 47, 51, 61, 85, 86, 106, 109, 113, 115, 118, 129, 134, 137, 147, 154, 158, 171, 173, 214, 06515

### Logic It Out / Draw It Out

OG 2023: 2, 53, 56, 66, 74, 102, 120, 140, 145, 187, 204

## Data Sufficiency by Strategy

These sets are from *The GMAT Official Guide, 2023-2024 edition* (pgs. 226–237).

A problem is listed if it can be solved using the relevant strategy—but that strategy may not necessarily be the best way for you to solve. Practice some problems multiple ways so that you can learn when you want to use which approach.

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### Test Cases

OG 2023: 230, 231, 232, 235, 239, 240, 241, 243, 244, 245, 246, 247, 248, 249, 255, 256, 257, 260, 262, 266, 272, 273, 276, 277, 278, 283, 284, 285, 288, 290, 292, 293, 295, 298, 300, 301, 306, 308, 311, 313, 321, 324, 326, 00796

Note: Testing Cases will not necessarily be a possible approach for *both* statements for each of these questions.

### Choose Smart Numbers

OG 2023: 259

### Estimate

OG 2023: 299

### Logic It Out / Draw It Out

OG 2023: 250, 254

## Critical Reasoning by Topic

These sets are from *The GMAT Official Guide, 2023-2024 edition* (pgs. 478–529).

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### Describe the Argument

OG 2023: 545, 568, 593

### Describe the Role

OG 2023: 514, 525, 539, 553, 555, 572, 577, 590, 591, 606, 610, 629, 637, 642, 643, 644, 651

### Find the Assumption

OG 2023: 491, 501, 502, 535, 549, 554, 557, 565, 570, 581, 583, 584, 597, 616, 624, 626, 635, 641, 647, 649, 03473

### Strengthen the Argument

OG 2023: 489, 493, 497, 499, 500, 503, 505, 506, 507, 508, 510, 511, 513, 515, 518, 521, 522, 523, 526, 527, 528, 529, 531, 534, 537, 540, 546, 551, 552, 561, 564, 567, 569, 571, 574, 575, 576, 582, 585, 586, 587, 588, 592, 602, 605, 611, 613, 615, 620, 631, 638, 640, 653, 661, 06456, 04065, 03617

### Weaken the Argument

OG 2023: 494, 498, 504, 509, 519, 535, 538, 542, 543, 544, 556, 560, 562, 563, 578, 579, 596, 598, 599, 601, 607, 609, 612, 614, 617, 627, 632, 636, 639, 646, 650, 656, 658, 659, 04193, 04143, 04139, 02924, 04566, 05936

### Evaluate the Argument

OG 2023: 517, 580, 594, 621, 625, 628, 633, 634, 655, 3491, 3311, 02918

Find the Flaw

*OG 2023:* 524, 541, 548, 558, 622

Inference

*OG 2023:* 496, 550, 566, 600, 603, 619, 623, 645, 654, 2839, 3784

Explain the Discrepancy

*OG 2023:* 492, 495, 512, 516, 520, 530, 532, 536, 547, 559, 573, 589, 595, 604, 608, 618, 630, 648, 652, 657, 06019, 03843

## Reading Comprehension OG Problem Sets



It's time to test your skills on passages that have actually appeared on real GMAT exams in the past. You can find passages in *The GMAT Official Guide, 2023-2024 edition* (pgs. 318–383).

Do one passage at a time, or build a mixed set that also includes Critical Reasoning problems. Here's how to get the most out of each passage:

1. Give yourself approximately 2 to 2.5 minutes to read shorter passages and 3 minutes to read longer ones. Spend up to 60 seconds to answer General questions and 90 seconds to answer Specific ones.
2. On the real test, you will see only one question at a time, so don't look at all questions before reading the passage.
3. As you read the passage, tell yourself the Simple Story. By the time you're done, make sure that you can articulate the Point and that you have a rough Map of the passage, either on paper or in your brain.
4. If the passage has more than 4 questions, answer only the odd-numbered questions. You'll do this passage again sometime in the future; the next time, you'll answer the even-numbered questions. (The real test does not give more than 4 questions per passage.)
5. Follow your four-step process for answering questions.
  - (1) Identify the Question
  - (2) Find the Support
  - (3) Predict an Answer
  - (4) Eliminate and Find a Match
6. To keep it simple, use these guidelines when studying from OG books:

Shorter passage, 3 questions	→ about 6 minutes
Shorter passage, 4 questions <i>or</i> Longer passage, 3 questions	→ about 7 minutes
Longer passage, 4 questions	→ about 8 minutes