

# GMAT Guide to the Official Guide

## Problem Solving

### *Lesson 1*

Fractions	Easy: 21, 68, 82, 86, 100, 141, 157, 234, 275, 337, 362, 425. Medium: 59, 71, 126, 184, 204, 254, 255, 264, 271, 301, 433. Hard: 31, 63, 174, 436.
Decimals	Easy: 17, 18, 49, 69, 197, 198, 348, 382, 440. Medium: 38, 42, 43, 184, 269, 304, 340. Hard: 47, 63.
Percentages	Easy: 5, 33, 67, 70, 81, 119, 159, 178, 180, 202, 253, 257, 276, 319, 357, 381, 389, 390. Medium: 40, 74, 75, 126, 239, 294, 296, 308, 330, 332, 349, 358, 411, 422. Hard: 31, 95, 109, 228, 418
Solving an Equation	Easy: 52, 161, 181, 249, 317, 409, 413, 414. Medium: 10, 143, 156, 185, 339, 344. Hard: 29, 262.
Plug-In	Easy: 1, 101, 121, 408, 430, 435. Medium: 107, 147, 227, 243, 244, 270, 323, 328, 352, 361. Hard: 48, 76, 96, 112, 175, 248, 251, 283, 297, 355, 368.

### *Lesson 2*

Definitions	Easy: 4, 118, 137, 177. Medium: 164, 167, 176, 252, 325, 327, 351, 387, 396. Hard: 30, 32, 60, 79, 116, 169, 216, 266, 412, 417, 424.
The Rest	Medium: 426. Hard: 134, 194, 263, 284.
Percent Change	Easy: 51, 140, 220. Medium: 8, 104, 188, 206, 223, 240, 291, 306, 363, 397, 407. Hard: 214, 230, 268, 293, 356, 384.
Plug In the Answers	Easy: 22, 23, 35, 36, 83, 122, 200, 338, 343, 350, 369. Medium: 11, 25, 57, 165, 203, 241, 298, 307, 322, 346, 360, 370, 371, 377, 401, 437. Hard: 28, 61, 80, 108, 128, 150, 168, 172, 190, 213, 324.

### *Lesson 3*

Exponents/Roots	Easy: 19, 54, 199, 201, 218, 221, 402, 439. Medium: 9, 24, 27, 72, 90, 136, 187, 236, 238, 259, 273, 278, 385, 399, 400. Hard: 91, 94, 129, 130, 149, 152, 171, 192, 193, 212, 314, 366, 374, 434.
Inequalities	Medium: 55. Hard: 102, 192, 265, 299.

Simultaneous Equations	Easy: 97.
Ratios	Easy: 3, 53, 179, 342. Medium: 87, 88, 142, 162, 242, 302, 375, 420. Hard: 170, 211, 229, 261, 311, 335
Averages	Easy: 34, 65, 182, 217, 320, 364, 386, 392, 427. Medium: 115, 279, 305, 373, 376, 383, 388, 398, 431, 438. Hard: 13, 246, 419, 423.

#### *Lesson 4*

Geometry	Easy: 6, 66, 84, 139, 219, 260, 272, 345, 428. Medium: 26, 56, 105, 123, 145, 163, 173, 205, 224, 231, 292, 313, 326. Hard: 14, 46, 62, 78, 113, 132, 148, 183, 191, 215, 245, 247, 300, 309, 315, 318, 347, 380, 404, 441.
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#### *Lesson 5*

Rates	Easy: 2, 20, 37, 50, 85, 98, 117, 160, 233. Medium: 103, 124, 127, 135, 146, 256, 274, 303. Hard: 12, 16, 93, 151, 208, 232, 267, 312, 415.
Groups	Medium: 133, 153, 186, 225, 336.
Interest	Medium: 125.
Must Be True	Easy: 120, 391. Medium: 7, 58, 89, 154, 189, 207, 226. Hard: 45, 64, 92, 114, 131, 209, 210.

#### *Lesson 6*

Probability	Easy: 378. Medium: 106, 421. Hard: 196, 372, 395, 432.
Let Me Count the Ways	Medium: 354. Hard: 394.
Functions	Medium: 295, 331, 353, 379, 393.

#### *Appendix*

Quadratics	Medium: 73, 144, 282, 310, 333, 341, 367. Hard: 15, 44, 195.
Standard Deviation	Medium: 359. Hard: 410, 416.

#### *Miscellaneous*

	Easy: 403, 405, 406.
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	Medium: 258, 316, 365. Hard: 329, 429.
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## Data Sufficiency

### *Lesson 1*

Percentage	Easy: 1, 6, 24, 112, 114. Medium: 92, 102, 176, 192, 223, 225, 268. Hard: 106, 154, 210, 269.
Decimals	Easy: 44. Medium: 14, 220. Hard: 58.
Solve the Equation	Easy: 21, 47, 63, 64, 113, 116. Medium: 98, 200, 209. Hard: 37, 134.
Fractions	Easy: 184 Medium: 73, 204, 231. Hard: 139.

### *Lesson 2*

Percent Change	Easy: 2, 22. Hard: 77, 219.
Definitions	Easy: 7, 27, 136, 165, 179, 272. Medium: 142, 145, 241, 274. Hard: 19, 135, 190, 240, 243.

### *Lesson 3*

Simultaneous Equations	Easy: 23, 25, 43, 111, 258. Medium: 9, 12, 29, 33, 95, 100, 159, 168, 188, 217, 228. Hard: 38, 39, 55, 189, 266.
Ratios	Easy: 5, 140. Medium: 99. Hard: 35, 131, 149.
Averages	Medium: 120, 162, 177, 267. Hard: 103, 151, 212, 224, 242.
Exponents/Roots	Easy: 90, 137, 259. Medium: 10, 75, 118, 158, 183, 206, 208, 239, 260, 262, 273. Hard: 54, 79, 109, 222, 234.
Pieces of the Puzzle	Easy: 61, 62, 93, 114, 156, 178, 198, 207. Medium: 49, 51, 65, 66, 67, 71, 72, 120, 122, 126, 143, 160, 171, 182, 186, 196, 203, 214, 227, 229, 261. Hard: 54, 79, 83, 102, 104, 105, 106, 129, 194, 235.
Tricks and Traps	Easy: 27, 66, 92, 111, 113, 116, 140. Medium: 13, 28, 49, 51, 77, 170, 181. Hard: 18, 34, 39, 40, 85, 153, 173, 254, 257.

More Than One Value/ Overlapping Ranges	Medium: 28, 53, 147, 166. Hard: 15, 16, 40, 57, 85.
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#### *Lesson 4*

Geometry	Easy: 3, 26, 46, 66, 89, 117, 119, 161. Medium: 8, 31, 52, 76, 96, 201, 216. Hard: 34, 108, 128, 133, 174, 186, 213, 226, 238, 253, 270.
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#### *Lesson 5*

Yes/No	Easy: 4, 45, 61 67, 87, 91, 115, 138, 141, 164, 167, 185, 263. Medium: 11, 13, 30, 32, 48, 50, 68, 69, 70, 72, 74, 94, 97, 123, 125, 143, 144, 148, 157, 169, 202, 205, 211, 215, 233, 236, 244, 246, 247, 252, 256, 264, 265. Hard: 17, 36, 56, 78, 80, 81, 82, 83, 84, 101, 107, 127, 130, 150, 153, 155, 191, 195, 218, 232, 237, 245, 248.
Rate	Easy: 88. Medium: 121, 146, 163, 199. Hard: 20, 104, 132.
Groups	Medium: 122.
Inequalities	Easy: 197.

#### *Lesson 6*

Probability	Easy: 86. Medium: 71. Hard: 230, 255.
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#### *Appendix*

Quadratics	Medium: 124, 126, 171, 180, 221, 249, 250, 271. Hard: 59, 175.
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#### *Miscellaneous*

	Easy: 193
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## Critical Reasoning

### *Lesson 2*

Weaken	2, 5, 7, 9, 12, 14, 16, 18, 26, 27, 29, 30, 31, 39, 41, 43, 44, 47, 52, 59, 61, 64, 70, 77, 78, 79, 81, 93, 96, 101, 102, 105, 109, 110, 111, 112, 113, 114, 119, 120, 125, 128, 129, 131, 132, 134, 136, 137, 141, 143, 144, 146, 147, 152, 154, 157, 158, 163, 166, 168, 170, 176, 178, 179, 180, 181, 182, 183, 186, 187, 188, 191, 192, 193, 194, 196, 198, 200, 201, 203, 204.
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### *Lesson 4*

Inference	1, 10, 11, 15, 20, 22, 24, 25, 33, 38, 58, 62, 69, 72, 75, 88, 90, 91, 94, 95, 99, 106, 107, 115, 116, 117, 123, 135, 138, 142, 145, 150, 164, 169, 174, 175.
Paradox	13, 28, 40, 45, 49, 57, 71, 84, 86, 118, 127, 133, 148, 149, 153, 160, 161, 177.

### *Lesson 5*

Evaluate	42, 51, 56, 85, 97, 155, 172.
Miscellaneous	4, 6, 34, 54, 65, 98.

## Sentence Correction

### *Lesson 1*

Misplaced Modifier	1, 11, 12, 19, 21, 27, 35, 38, 44, 50, 56, 86, 112, 117, 128, 141, 229, 230, 235, 262,
Pronoun	4, 43, 45, 49, 61, 73, 77, 83, 84, 87, 108, 122, 133, 159, 163, 165, 167, 183, 188, 194, 214, 222, 231, 234, 251, 255, 260.
Red Pencil Fever	20, 29, 43, 57, 88, 105, 109, 200, 240.

### *Lesson 2*

Subject/Verb	2, 18, 28, 52, 85, 89, 140, 144, 176, 178, 205, 211, 213, 238, 243, 249, 252, 257, 265,
Idiom	5, 7, 9, 14, 15, 20, 29, 48, 57, 58, 60, 63, 65, 67, 69, 70, 74, 76, 78, 79, 87, 88, 91, 94, 95, 100, 103, 105, 111, 115, 116, 121, 124, 125, 126, 130, 131, 132, 134, 146, 147, 150, 151, 158, 166, 171, 180, 181, 182, 187, 195, 208, 215, 216, 217, 219, 223, 224, 226, 228, 236, 239, 241, 263,

### *Lesson 4*

Parallel	3, 8, 10, 22, 25, 33, 40, 46, 53, 54, 62, 71, 82, 93, 96, 98, 99, 104, 106, 123, 129, 139, 143, 148, 149, 152, 155, 160, 170, 173, 189, 190, 191, 197, 201, 204, 207, 209, 210, 212, 221, 233, 247, 248, 264,
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Quantity	23, 26, 34, 59, 107, 168.
Clauses and Connectors	81, 172, 177, 179, 184.

### *Lesson 5*

Style	6, 13, 24, 66, 102, 110, 119, 220, 237, 242, 246, 256, 266.
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### *Appendix*

Verb Tense	17, 30, 32, 36, 37, 41, 55, 75, 80, 90, 92, 101, 113, 120, 161, 174, 192, 196, 202, 203, 250, 259, 261.
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## Reading Comprehension

### *Subject*

Science	1-6, 25-30, 49-54, 67-72, 80-87, 101-106, 119-124, 137-143,160-166, 175-182, 198-205, 213-217, 231-235, 253-256, 261-264, 272-275.
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Business	13-18, 19-24, 43-48, 55-60, 88-94, 95-100, 113-118, 144-148, 149-153, 183-189, 225-230, 241-248, 257-260, 276-282, 283-285.

### *Question Type*

Main Idea	1, 7, 13, 18, 26, 36, 40, 48, 49, 55, 65, 73,79, 80, 88, 95, 113, 131, 137, 144, 153, 155, 160
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