

GRE

INTRODUCTION

SHAYESTEH.IR

2021

GRE COURSE SECTIONS

1. Introduction
2. Quantitative Reasoning
 1. Quantitative Questions Formats
 2. Arithmetic & Algebra
 3. Geometry
 4. Data Interpretation
3. Verbal Reasoning
 1. Verbal Questions Formats (Sentence Equivalence & Text Completion)
 2. Reading Comprehension
4. Analytical Writing
 1. General Writing
 2. Argument Writing
 3. Issue Writing
5. General Writing
 1. Writing Ideas
 2. Cohesion & Coherence
 3. Writing Sentence Variety
 4. Grammar
 5. Punctuation
 6. The magic of 3

GRADUATE RECORD EXAM

The Graduate Record Examinations (GRE) General Test is required for admission to most graduate programs:

1. GRE General
2. GRE Subject:
 - Biology.
 - Chemistry.
 - Literature in English.
 - Mathematics.
 - Physics.
 - Psychology.

REGISTERING FOR THE GRE

- ets.org
- Price: 205 \$
- The scores are **valid** for up to five years
- You'll receive your official ETS GRE score report **about 10-15 days after taking the GRE**
- **There is no full GRE unofficial score report, but your unofficial Verbal Reasoning and Quantitative Reasoning scores will be given to you on-screen directly after you take the GRE.**
- ETS also offers New York-based test takers a Question-and-Answer Review Service for \$50. This service goes over in detail all Verbal and Quant questions you got wrong and is available **up to 90 days after specific test dates.**
- Lastly, if you for whatever reason feel your scores are inaccurate, **you can request a Score Review of your AW essays for \$60.**

FORMAT OF THE GRE GENERAL TEST

- GRE Version:
 - Paper Based GRE
 - Computer Based GRE
 - Online GRE home edition (Except Iran): GRE General Test is normally available, based on the country of your account address, except Mainland China and Iran (2021)
- The test consists of three main components:
 - Analytical Writing - **GRE Analytical Writing Assessment (AWA)**
 - Verbal Reasoning
 - Quantitative Reasoning

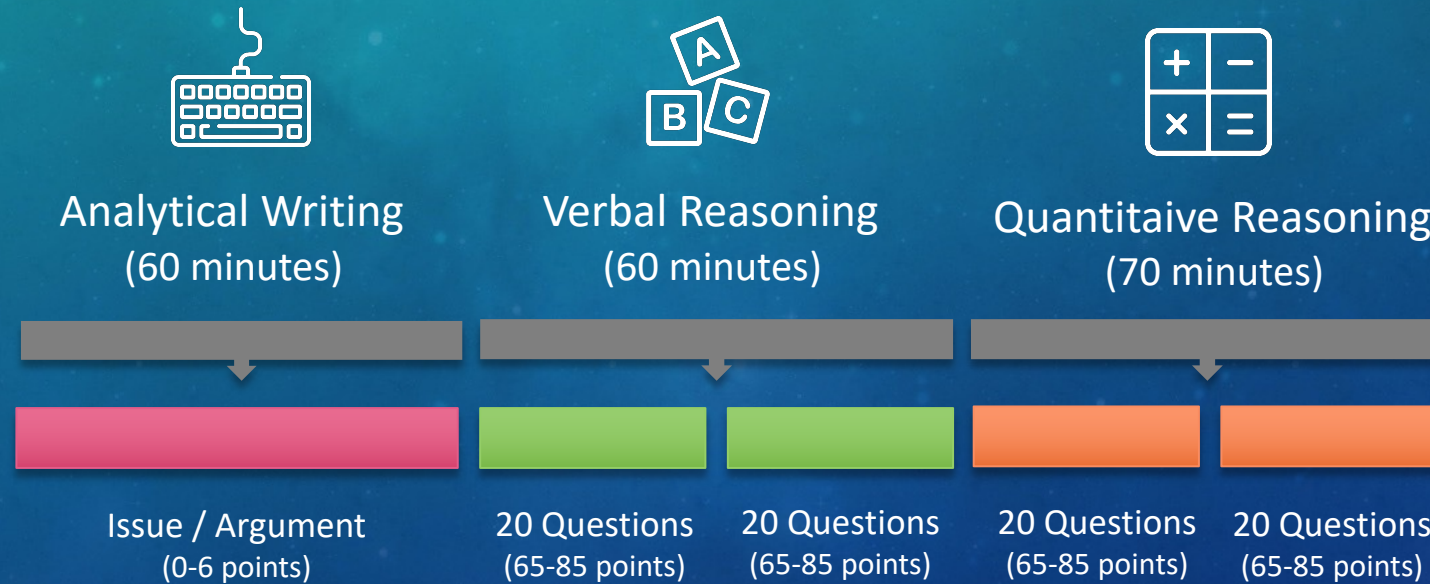
TIME ALLOWED

- The total time for the test will be between 3 hours 30 minutes and 3 hours 45 minutes, depending on the version you are taking.
- Computer Based Format:

Component	Number Of Questions	Time Allowed
Analytical Writing	1 Analyze an Issue	30 minutes
	1 Analyze an Argument	30 minutes
Verbal Reasoning (2 Sections)	Approximately 20 questions per section	30 minutes per section
Quantitative Reasoning (2 Sections)	Approximately 20 questions per section	35 minutes per section

HOW THE GRE GENERAL TEST IS SCORED

- Analytical Writing section, you will be scored on a scale of 0-6 in increments of .5.
- The Verbal and Quantitative Reasoning sections are now scored on a scale of 130-170 in 1-point increments.



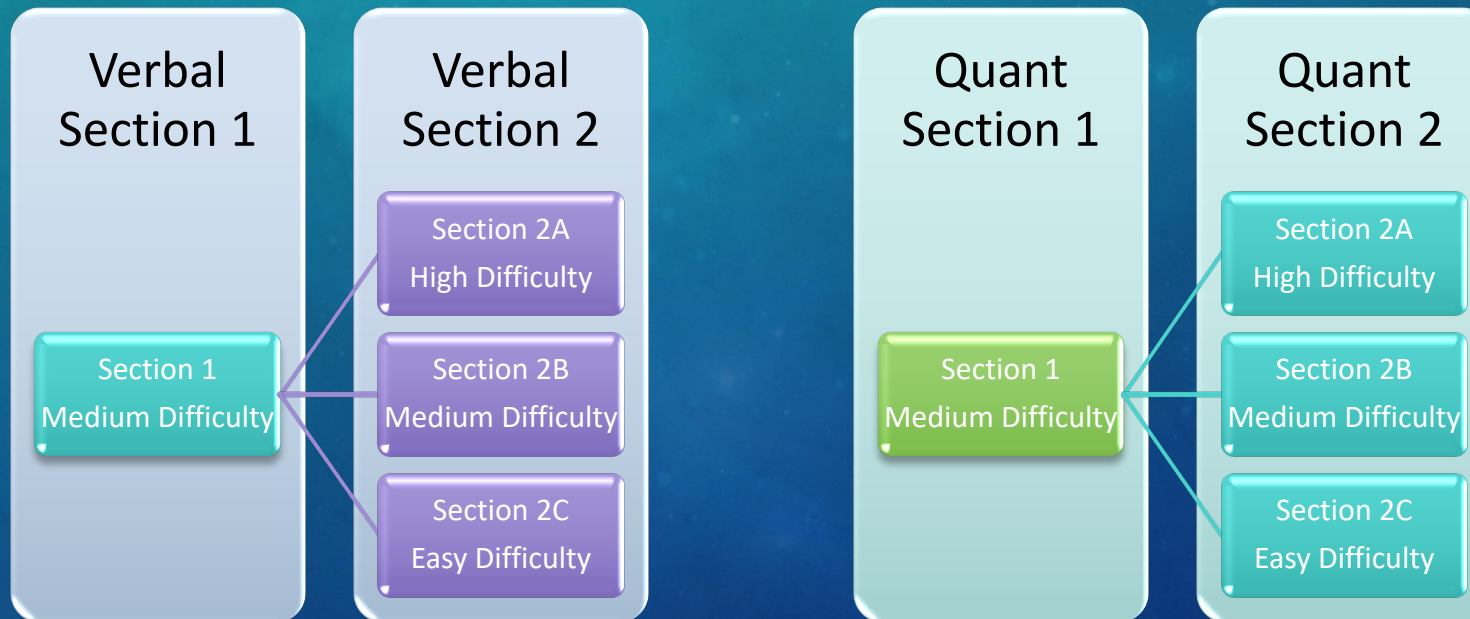
GRE TEST FORMAT: WHAT WILL I FIND IN THE GRE SECTIONS?

- AWA Essay 1: 30 min
- AWA Essay 2: 30 min
- Verbal (30 min) or Math (35 min) or Experimental (unscored Math or Verbal)
- Verbal (30 min) or Math (35 min) or Experimental (unscored Math or Verbal)
- Verbal (30 min) or Math (35 min) or Experimental (unscored Math or Verbal)
- Verbal (30 min) or Math (35 min) or Experimental (unscored Math or Verbal)
- Verbal (30 min) or Math (35 min) or Experimental (unscored Math or Verbal)

* The experimental section will look just like one of the Verbal or Quantitative sections, can appear any time after the Analytical Writing section.

HOW DOES THE COMPUTER ADAPTIVENESS OF THE GRE WORK?

- The Verbal Reasoning and Quantitative Reasoning measures are section-level adaptive. The computer selects the second section of a measure based on your performance on the first section (easy, medium, or hard section).
- آگه سخت بود سايد اگيريمتال باسه



PERFECT SCORE

- Verbal: you could have 0-1 missed questions
- Quantitative: 0 missed questions

EQUATING

- Equating is another process used to make sure GRE scores are accurate and fair for all people who take the test. **ETS using equating to take into account small variations in difficulty between different GREs.** If the GRE given in October ends up being more difficult than the GRE given in November, equating will be used to make sure that the people who took the October GRE aren't unfairly penalized with lower scores because they took a harder exam. For example, people who took the easier November exam and got 30 Quant questions correct might receive a scaled score of 160 (130 + 30 correct answers). People who took the October test and got 30 Quant questions correct may receive a score of 161 or 162 because the questions were harder.
- **so you won't know how equating or adaptive testing affected your final GRE score breakdown.**
- like adaptive testing, **it won't have a huge impact on your final score**, and your main goal should still be to answer as many problems correctly as you can.

DO I GET PENALIZED FOR WRONG ANSWERS ON THE GRE?

- There is no penalty for guessing incorrectly on the GRE
- Use mark and review button if you want

ANALYTICAL WRITING ASSESSMENT (AWA)

Task	Time Allowed	Answer Format
Analyze An Issue	30 Minutes	Short essay on an issue of general interest that clearly and carefully addresses the prompt
Analyze An Argument	30 Minutes	Short essay that analyzes another person's argument for validity, soundness and supporting evidence

ANALYZE AN ISSUE

Task	Time Allowed	Answer Format
Analyze An Issue	30 Minutes	Short essay on an issue of general interest that clearly and carefully addresses the prompt

https://www.ets.org/gre/institutions/about/general/scoring/issue_scoring_guide

a cogent, well-articulated analysis



6

5



generally thoughtful, well-developed

a competent analysis



4

3



demonstrates some competence

demonstrates serious weaknesses



2

1



fundamental deficiencies

ANALYZE AN ARGUMENT

Task	Time Allowed	Answer Format
Analyze An Argument	30 Minutes	Short essay that analyzes another person's argument for validity, soundness and supporting evidence

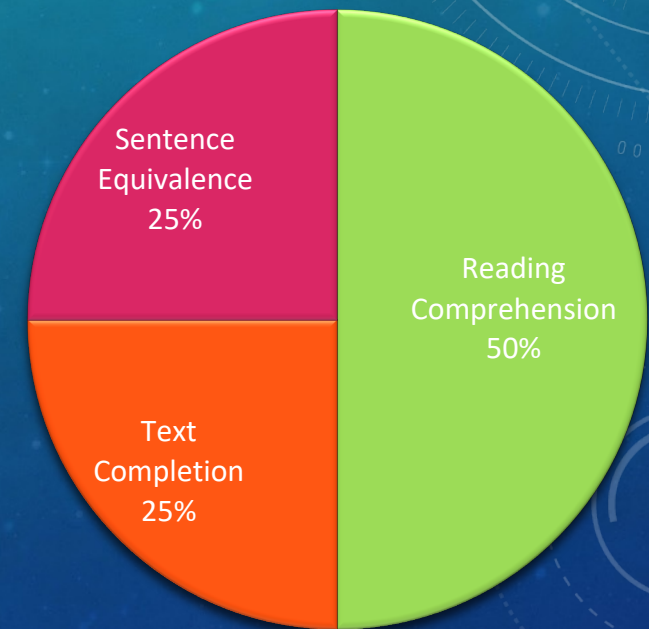
https://www.ets.org/gre/institutions/about/general/scoring/argument_scoring_guide



VERBAL REASONING

Time	Question Type	Answer Format
You will have 30-35 minutes to complete the entire section, which will include a mixture of different question types	Reading Comprehension	<ul style="list-style-type: none">• Multiple choice: Select one answer choice• Multiple Choice: Select one or more answer choices• Highlight a selection of text
	Text Completion	<ul style="list-style-type: none">• Multiple choice: Fill in one or more blanks to complete the text
	Sentence Equivalence	<ul style="list-style-type: none">• Multiple choice: Select the two options that produce two sentences with the most similar meanings

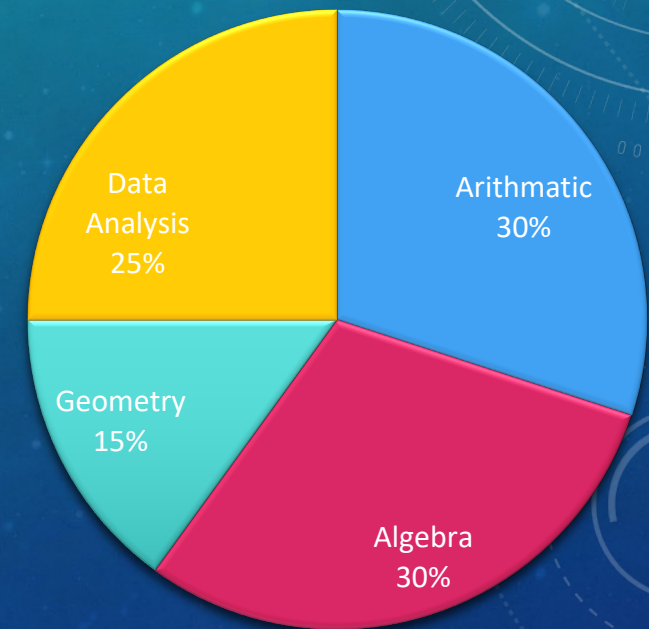
Verbal Reasoning



QUANTITATIVE REASONING

Time	Question Type	Answer Format
You will have 35-40 minutes to complete the entire section, which will include a mixture of different question types	Multiple Choice	<ul style="list-style-type: none">Select one answer choiceSelect one or more answer choices
	Numeric Entry	<ul style="list-style-type: none">Solve the problem through calculation and enter a number value
	Quantitative Comparison	<ul style="list-style-type: none">Evaluate two quantities to decide whether one is greater than the other, whether they are equal, or whether a relationship cannot be determined
	Data Interpretation	<ul style="list-style-type: none">Multiple choices: choose the best answer or answersNumeric entry: enter a value

Quantitative Reasoning



QUESTION FORMAT SECTIONS

Verbal 40 questions (3 min) Ave = 1.5 (min)	Sentence Equivalence		20 to 26	
	Text Completion	1 Blank		
		2 Blank		
		3 Blank		
	Reading Comprehension	Multiple choice (select one answer choice from 5 choices)		10 to 14
		Multiple choice (select one or more answer choices from 3 choices)		
Select-in-passage				
Quantitative 40 questions 35 (min) Ave = 1.75 (min)	Multi Choice Questions (1 Answer)		19	
	Multi Choice Questions (More Than 1 Answer)			
	Numerical Data Entry			
	Quantitative Comparison		15	
	Data Interpretation		6	

CURRENT GRE (GENERAL) SCORE STATISTICS

- Your GRE score percentile tells you how your score compares to all the other GRE test-takers. **The higher the GRE percentile, the better your score is compared to other test-takers.** A 99th GRE percentile score, for example, means you scored better than 99% of test-takers, and you're in the top 1%!
- From 2016-2019
 - the top 3% of test-takers receive a 170 on Quant. about 52,369 people received a 170 on Quant
 - less than 1% of test-takers receive a 170 on Verbal. fewer than 17,427
 - the top 1% of test-takers receive a 6 on Analytical Writing, about 17,345 people.

Test	Number of Test Takers	Mean	Standard Deviation
Verbal Reasoning Measure	1,640,350	150.37	8.49
Quantitative reasoning measure	1,643,587	153.39	9.35
Analytical Writing measure	1,635,221	3.58	0.85

https://www.ets.org/s/gre/pdf/gre_guide_table1a.pdf

GRE SCORE PERCENTILES

Scaled Score	Verbal Reasoning	Quantitative reasoning
170	99	96
167	98	89
164	94	83
161	88	75
158	79	65
155	67	55
152	53	44
149	40	33
146	28	22
143	19	13
140	11	7
137	6	3
134	3	1

Score Level	Analytical Writing
6.0	99
5.5	98
5.5	92
4.5	80
4.0	55
3.5	38
3.0	14
2.5	6
2.0	1
1.5	
1.0	
0.5	
0	

DOES MY GRE SCORE PERCENTILE MATTER?

- **More people do very well on Quant than on Verbal.**
- **most people score towards the middle of the scoring scale, around 150**
- **most programs really don't care that much about Analytical Writing scores**
- **it's better to get a super-high score on the more relevant section and a lower one on the less important one**

GRE VERBAL PERCENTILES BY DISCIPLINE

Verbal Score	135	140	145	150	155	160	165	170
Life Science	1	4	16	41	68	89	97	99
Physical Science	5	14	29	46	65	83	94	99
Engineering	5	16	34	53	73	88	97	99
Social Science	1	4	13	33	57	81	94	99
Arts and Humanities	1	2	6	17	37	64	86	97
Education	1	5	20	45	70	89	97	99
Business	1	8	25	50	74	91	98	99

GRE QUANT PERCENTILES BY DISCIPLINE

Verbal Score	135	140	145	150	155	160	165	170
Life Science	1	4	17	42	72	97	99	99
Physical Science	1	3	8	17	31	74	91	99
Engineering	1	2	6	13	26	74	93	99
Social Science	1	8	24	47	70	94	98	99
Arts and Humanities	2	9	25	50	74	97	99	97
Education	1	9	30	57	80	98	99	99
Business	1	5	17	36	56	84	95	99

WHAT ARE THE YALE AVERAGE GRE SCORES?

School or Program	Average GRE Quant Score	Average GRE Verbal Score	Average GPA of Accepted Students	Average GPA of Accepted Students	Acceptance Rate	US News Rank
Computer science	166	162	328			20th
Engineering master's	167	155	322			39th
Engineering (PhD)	167	157	324			39th
Yale School of Management	163	165	328	3.71		11th

GMAT OR GRE FOR MBA?

- **People who took the GRE from 2012-2015 with plans to attend business school had the following average scores:**
 - Quantitative Reasoning: 153
 - Verbal Reasoning: 150
 - Analytical Writing: 3.5
- **Verbal and Quant scores in the low to mid 160s, while schools with lower rankings (but still within the top 50 business schools) accept mid 150s and up.**
- **For most people applying to business school, the GMAT is the best exam to take**
- **74% of business schools said they had no preference between the two exams.**
- **25% of business schools said submitting GMAT scores over GRE scores gives the applicant an advantage.**

AVERAGE GRE SCORES FOR MBA PROGRAMS

Program/School Name	Ranking	Average Quantitative Score	Average verbal Score	Average Analytical Writing Score
Stanford university	2	164	164	4.8
Yale University	8	162	164	4.7
Duke university	12	160	160	4.1
Indiana University	22	156	161	3.9
Boston College	50	154	155	4.0

HOW CAN YOU USE GRE SCORING TO YOUR ADVANTAGE?

- **#1: Pay Particular Attention to the First Measure of Verbal and Quant**
- **#2: Don't Spend a Lot of Time on One Question**
- **#3: Answer Every Question**

HOW DOES IT DIFFER FROM THE GRE RESEARCH SECTION?

- The GRE research section is similar to the GRE experimental section in that it's an unscored Verbal or Quant section used by ETS to test out potential questions in a real test-taking environment.
- However, whereas the experimental section is unmarked (meaning you don't know whether the section you're on is experimental or not) and can appear randomly, **the GRE research section is marked and *always* appears at the end of the test.**
- What's more, **the GRE research section is completely optional**—you can choose whether or not you want to take it. By contrast, since you don't know whether a section is experimental or not, you can't skip any of them!
- **Rarely, some lucky people might not get a GRE unscored section** (experimental or research). This would make their GRE total test time about 30-35 minutes shorter—nice!
- **The difficulty of the GRE experimental section can vary a lot**
- **it is *not* computer-adaptive**

WHAT DOES THE GRE EXPERIMENTAL SECTION MEAN FOR YOU?

- **do *not* try to guess which section is the experimental one**
- **treat the entire exam as though every section counts toward your score.**
- **you can't identify the GRE experimental section by the difficulty of its questions**
- **you should be prepared to sit for the test a little longer than what you did with your practice tests.**

GRE TEST DAY

- **Visit your test center one week before**
- **Your ID**
- **A Snack**
- **A Water Bottle**
- **A Sweater**
- **Your Confirmation Email/Authorization Voucher (If Applicable)**
- **Don't need Pencils and scratch paper, watches, calculator**
- **if at any time during the exam you run out, raise your hand and the test administrator will give you additional paper**
- **you can't take any of your GRE scratch paper with you**

WHY DO YOU NEED PHOTO ID TO TAKE THE GRE?

- **The main reason is to prevent people from paying others to take the GRE for them.**
- **Passport**
- **The name you use to register for the GRE must exactly match the name on the ID you show (except for accents).**

4 IMPORTANT GRE SCRATCH PAPER RULES

Breaking any one of them can result in you being removed from the test center and your scores being voided.

- **#1: Don't Bring Your Own Scratch Paper to the GRE**
- **#2: Don't Write on the Scratch Paper Before the Exam Begins**
- **#3: Don't Write on Anything Other Than the Official GRE Scratch Paper**
- **#4: Don't Try to Leave With Any GRE Scrap Paper After the Exam**

TIME MANAGERMENTS – CHECK POINT

- **Aware of Timer**
- **Set checkpoints**
- **Skip Time-Consuming Questions**
- **Flag Skipped Question**

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THE BEST FREE GRE PRACTICE TESTS

- **PowerPrep II**
- **ETS Paper Exams**
 - 2011 Practice Test
 - 2012 Practice Test
 - 2016 Practice Test
- **Manhattan Prep Free GRE Practice Test**
- **Kaplan Free GRE Practice Test**
- **Princeton Review Free GRE Practice Test**
- **McGraw Hill Free GRE Practice Test**

THE BEST GRE SCORE PREDICTOR

- Power Prep & Power Prep PLUS tests available for free online.
- Download GRE Power Prep Plus from Telegram Channel (t.me/ExamDataInfo) and insert them in app.shayesteh.ir (GRE Section)

GRE GENERAL QUIZZES

- Kaplan Pop Quiz : <http://kaplanquizzes.com/quiz/gre.html>
- Sporcle GRE Quizzes : <https://www.sporcle.com/games/tags/gre>

GRE MATH QUIZZES

- **Major Tests** : <https://www.majortests.com/gre/>
- **Analyze Math** : <https://www.analyzemath.com/gre.html>
- **GRE Guide** : <http://www.greguide.com/gre-practice-tests.html>

GRE WRITING

- <https://www.testpreppractice.net/>
- www.shayesteh.ir

THE 3 BEST ONLINE GRE PRACTICE RESOURCES

- Manhattan Free Practice Test : <https://www.manhattanprep.com/gre/free-gre-practice-test/>
- Kaplan Free Practice Test : <https://www.kaptest.com/gre/free/free-gre-practice-test>
- McGraw-Hill Practice Tests : <https://www.mhpracticeplus.com/gre.php>

4 OTHER GREAT GRE STUDY RESOURCES

- Khan Academy : <https://www.khanacademy.org/>
- West Texas A&M GRE Math Study Session :
<https://www.wtamu.edu/academic/anns/mps/math/mathlab/gre/index.htm>
- GRE Vocab Flashcards :
<https://play.google.com/store/apps/details?id=com.magoosh.flashcards.gre&hl=en&gl=US>
- Ready4GRE : <https://www.ready4.com/gre-packages>
- Varsity Tutors GRE Practice Tests : <https://www.varsitytutors.com/gre-practice-tests>

THE 4 BEST GRE APPS AND HOW TO USE THEM

- **The Official GRE Guide**
- **Manhattan Prep GRE**
- **Ready4GRE**
- **GRE Prep**

GRE FLASHCARD REVIEWS

- Anki : <https://apps.ankiweb.net/>
- Magoosh Online Flashcard Application : <https://gre.magoosh.com/flashcards/vocabulary/decks>
- [Magoosh Printable Flashcards](#)
- Memorang Flashcard App : <https://memorang.com/>
- <https://wordpandit.com/>

ANKI AND MEMORISE VOCABULARY

- drill GRE flash cards with the waterfall method.
- Customise word lists
- Magoosh
- Barron's
- Kaplan
- Vibrant

GRE VERBAL QUIZZES

- GRE Verbal Practice : <https://freegretest.net/Gre-Verbal-Practice>
- Major Tests : <https://www.majortests.com/gre/>
- GRE Guide : <http://www.greguide.com/>
- Quiz Tree : <https://gre.magoosh.com/builder/vocabulary/app#/sections>
- Tyrannosaurus Prep : <http://gre.tyrannosaurusprep.com/>
- Many Things : <http://www.manythings.org/fq/m/2991.html>
- Quizlet : <https://quizlet.com/subject/gre-vocab/>

GRE VOCAB QUIZZES

- Sheppard Software GRE Vocab : <https://www.sheppardsoftware.com/vocabmania.htm>
- Magoosh : <https://gre.magoosh.com/builder/vocabulary/app#/sections>
- Graduates Hotline: <https://gre.graduateshotline.com/>

GRE VOCAB GAMES

Some of our top picks for GRE vocab games are:

- **GRE Vocab Challenge**: an iPhone app created by The Princeton Review and offering four unique word-based challenges.
- **Quizlet**: a free gaming website containing numerous GRE flashcards and a simplistic matching game.
- **Cram**: a free study website offering a colorful and interactive matching vocab game.
- **Memrise**: a free learning website with hundreds of vocab flashcards and elaborate timed practice sessions.

GRE ROOT WORDS: THE STRATEGY

- <https://www.learnthat.org/pages/view/roots.html>
- <https://www.etymonline.com/word/manna>

DICTIONARY

- Google (See Origin)
- <https://mnemonicdictionary.com/>
- <https://www.visualthesaurus.com/>
- Longman

INSTAGRAM

- Instagram ID: economistgretutor
- Instagram ID: merriamwebster
- Instagram ID: manhattanprep
- Instagram ID: magooshtestprep
- Instagram ID: _dailyvocabulary
- Instagram ID: egrammartips
- Instagram ID: english_grammar_n_vocabulary

YOUTUBE CHANNEL

- Engvid
- Bestmytest
- Magoosh
- Prepscholar

OTHER SOURCES

- RC 260, RC 300, RC 320 : <https://shayesteh.ir/Book/1056>
- TC 1400 : <https://shayesteh.ir/Book/1048>
- TC 1450 : <https://shayesteh.ir/Book/1049>
- TC 1800 : <https://shayesteh.ir/Book/1050>
- 1000 Plus (Math 1451) : <https://shayesteh.ir/Book/1055>
- GRE Chinese 2500 Anki word list : <https://shayesteh.ir/Book/1054>
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THANK YOU

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