



GRE DIAGNOSTIC SERVICE

GRE Diagnostic Service
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Quantitative Reasoning

Quantitative Reasoning questions are categorized by:

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 - Arithmetic
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 - Geometry
 - Data Analysis
- [Question Type](#)
 - Quantitative Comparison
 - Multiple Choice-Select One Answer Choice
 - Multiple Choice-Select One or More Answer Choices
 - Numeric Entry
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 - Real-life setting
 - Purely mathematical setting

In addition, they may be presented as discrete questions or as part of a [Data Interpretation Set](#).

Within each category below, questions are displayed in order of difficulty from 1 (easy) to 5 (hard).

First Section

Arithmetic

Reference #	Question Type	Setting	Right/Wrong	Difficulty Level	Time Spent
1	Quantitative Comparison	Real-life	Right	2	01:17
2	Numeric Entry	Real-life	Right	3	01:23
3	Quantitative Comparison	Pure math	Right	3	01:36
4	Multiple-choice--Select One	Real-life	Right	3	02:03
5	Quantitative Comparison	Pure math	Right	4	02:53

Algebra

Reference #	Question Type	Setting	Right/Wrong	Difficulty Level	Time Spent
1	Numeric Entry	Pure math	Right	1	03:00
2	Quantitative Comparison	Pure math	Right	3	05:43
3	Quantitative Comparison	Pure math	Right	3	02:05
4	Multiple-choice--Select One	Real-life	Right	3	01:22

Geometry

Reference #	Question Type	Setting	Right/Wrong	Difficulty Level	Time Spent
1	Quantitative Comparison	Pure math	Right	2	01:30
2	Multiple-choice--Select One	Pure math	Right	3	01:29
3	Multiple-choice--Select One	Pure math	Right	3	01:20
4	Quantitative Comparison	Pure math	Right	4	01:14

Data Analysis

Reference #	Question Type	Setting	Right/Wrong	Difficulty Level	Time Spent
Discrete Questions					
1	Quantitative Comparison	Pure math	Right	2	00:32
2	Multiple-choice--Select One	Pure math	Right	3	00:43
3	Multiple-choice--Select One	Pure math	Right	3	01:17
4	Multiple-choice--Select One or More	Real-life	Right	4	01:16

Set Members					
5	Multiple-choice--Select One	Real-life	Right	2	01:15
6	Multiple-choice--Select One	Real-life	Right	2	01:06
7	Multiple-choice--Select One	Real-life	Right	3	01:21

Second Section

Arithmetic

Reference #	Question Type	Setting	Right/Wrong	Difficulty Level	Time Spent
1	Quantitative Comparison	Pure math	Right	4	02:45
2	Multiple-choice--Select One or More	Real-life	Right	4	02:03
3	Quantitative Comparison	Pure math	Right	4	01:39
4	Multiple-choice--Select One	Pure math	Wrong	4	01:43
5	Multiple-choice--Select One	Pure math	Right	5	04:12

Algebra

Reference #	Question Type	Setting	Right/Wrong	Difficulty Level	Time Spent
1	Multiple-choice--Select One	Real-life	Wrong	3	02:10
2	Multiple-choice--Select One	Real-life	Right	4	02:08
3	Quantitative Comparison	Real-life	Right	4	01:59
4	Quantitative Comparison	Pure math	Right	4	02:28
5	Numeric Entry	Pure math	Wrong	5	00:32

Geometry

Reference #	Question Type	Setting	Right/Wrong	Difficulty Level	Time Spent
1	Quantitative Comparison	Pure math	Right	3	00:35
2	Multiple-choice--Select One	Pure math	Right	3	00:43
3	Quantitative Comparison	Pure math	Right	4	01:05
4	Multiple-choice--Select One or More	Pure math	Right	4	00:27

Data Analysis

Reference #	Question Type	Setting	Right/Wrong	Difficulty Level	Time Spent
Discrete Questions					
1	Quantitative Comparison	Pure math	Right	2	00:28
2	Multiple-choice--Select One	Pure math	Wrong	4	02:13
3	Multiple-choice--Select One	Real-life	Right	5	01:07
Set Members					
4	Multiple-choice--Select One	Real-life	Wrong	4	01:32
5	Multiple-choice--Select One	Real-life	Right	4	01:18
6	Multiple-choice--Select One	Real-life	Wrong	4	03:43