

GRE Quantitative Reasoning Syllabus

GRE provides a common platform for all students irrespective of their background, caste, religion or educational qualification. But it does test your basic math skills that you have learned in your school, and after losing the touch of math for such a long time, it can emerge as a nightmare for people who always feared math. Without solving quant section in GRE, it is not possible to score high and secure your dream college.

It is quite evident that just like the verbal section, the quant section is also equally important. But the question that is still left unanswered is how to crack this section without losing the sanity and sleep? But let's first get a good idea of what GRE tests through the quantitative aptitude section.

It checks for:

- Your skills in basic mathematics
- How better you have the understanding of the elementary math.
- How well you can reason quantitatively and your ways of modeling and solving problems using various quantitative methods.

Now, let's face another question that has been bugging you, the problem of preparing well for the quant section. For that first of all get a good idea of what is the actual quant syllabus of GRE. The syllabus of GRE is quite vast and incomplete information can end up wasting a lot of your precious time.

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The questions asked in GRE quantitative reasoning section can be broadly divided into four main categories.

Arithmetic

1. [Integers](#)
2. [Fractions](#)
3. [Exponents and Roots](#)
4. [Decimals](#)
5. [Real Numbers](#)
6. [Ratio](#)
7. [Percent](#)

Algebra

1. [Operations with Algebraic Expression](#)
2. [Rules of Exponents](#)
3. [Solving Linear Equations](#)
4. [Solving Quadratic Equations](#)
5. [Solving Linear Inequalities](#)
6. [Functions](#)
7. [Applications](#)
8. [Coordinate Geometry](#)
9. [Graphs of Functions](#)

Geometry

1. [Lines and Angles](#)
2. [Polygons](#)
3. [Triangles](#)
4. [Quadrilaterals](#)
5. [Circles](#)
6. [Three-Dimensional Figures](#)

Data Analysis

1. [Graphical Methods for Describing Data](#)
2. [Numerical Methods for Describing Data](#)
3. [Counting Methods](#)
4. [Probability](#)
5. [Distributions of Data, Random Variables, and Probability Distributions](#)
6. [Data Interpretation Examples](#)

Byjus will be glad to help you in your GRE preparation journey. You can ask for any assistance related to GRE from us by just giving a missed call at 08039513255, or you can drop an SMS. You can write to us at gre@byjus.com.