

Math Syllabus

Real Numbers

Exponents and Radicals
Algebraic Expressions
Rational Expressions
Equations
Modeling with Equations
Inequalities
The Coordinate Plane; Graphs of Equations; Circles
Lines
Modeling Variation

Exponential function

Trigonometric functions

Math Review

Value, Order, and Factors
Algebra, Equalities, and Inequalities
Rates, Ratios, and Percents
Statistics, Sets, Counting, Probability, Estimation, and Series
Practice questions

Data insights review

Data Sets and Types
Answer choices
Data Displays
Data Patterns
Practice questions

Recommended literature:

GMAT OFFICIAL GUIDE 2023-2024, Published by John Wiley & Sons, Inc, Hoboken, New-Jersey. ISBN: 978-1-394-16994-8 (pbk)

Precalculus: Mathematics for Calculus, Seventh Edition, James Stewart, Lothar Redlin, Saleem Watson,
Cengage Learning, 20 Channel Center Street, Boston, MA 02210, USA ISBN: 978-1-305-07175-9