



TTP LiveTeach GRE

A Powerful Online Course Taught Online



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Week 1

Q Linear & Quadratic Equations

- Systems of Equations
- Solving for a Variable
- Alternative Method: Plugging In Values
- Factoring & the Zero Product Property
- Equation Traps

V Intro to the GRE Exam, Text Completion, and Sentence Equivalence

- Format of Exam
- Anatomy of Problems
- Introductory sample problems
- More than Just Vocab
- Intro to One-Blank Text Completion

Week 2

Q Properties of Numbers

- Binary properties (even/odd, positive/negative)
 - Applied skill: Listing & Organizing Cases.
- Divisibility & Prime Factorizations

V Text Completion

- Complete One-Blank Text Completion Material
- Two-Blank and Three-Blank Text Completion
 - General Strategy.
 - Relating the blanks (contrast, comparison).
 - Using context clues around blanks.

Week 3

Q Inequalities, Functions & Sequences

- Differences from Equations
- Inequalities with Variables

V Sentence Equivalence

- Synonym Pairing Strategy
- Using the rest of the sentence
 - Context clues.
- Common Incorrect Answer Choice Types

Week 4

Q Work & Rate Problems

- Work (or Equivalent) Problems
- Rate/Time/Distance Problems

V Intro to Reading Comp: Main Idea and Author's Tone

- Main Idea
 - Simple Story.
 - Key Language.
 - Common Trap Answers.
- Author's Tone
 - Relationship to Main Idea.
 - Importance of Point-of-view.

Week 5

Q General Word Problems

- Translating Words Into Algebra
- Organizing Word Problems In Scratchwork

V Reading Comp: Other Question Types

- Function Questions
 - Question Types and Trap Choices.
- Passage Organization Questions
- Vocabulary Questions
 - Common Traps.
- Info Based and Extended Reasoning Questions

Week 6

Q Ratios & Proportions

- Interconversions Among Ratios, Fractions, Percents
- Indeterminate Quantities in Ratios
 - DS Goal-Setting.
- Algebra with Ratios
- Alternative Method: Backsolving

V Intro to Critical Reasoning

- Evidence, Assumptions, Conclusions
- TTP's view on Pre-Thinking
- General Strategy
- Assumption Questions
 - Negation Technique.

Week 7

Q Roots and Exponents

- Exponent and root rules
 - What to watch out for.
- Prime Factorization with Exponents
- Properties of Even and Odd Exponents

Q Percent Problems, Overlapping Sets

- Percent Word Problems
 - Basic Formulation.
 - Percent Changes/Differences.
 - Percent Profit.
- Overlapping Sets
 - Matrix Device and Venn Diagrams.

Week 8

Q Statistics, Probability, Combinatorics

- Arithmetic Mean, Median, & Evenly Spaced Sets
- Optimization Problems
- Weighted Averages
- Basic Combinatorics
 - Fundamental Counting Principle.
- Combinatorial Problems with Restrictions/Conditions
- Probability

V Critical Reasoning: Other Question Types

- Strengthen/Weaken
- Resolve the Paradox
- Complete the Passage
- Inference

Week 9

Q Plane & Coordinate Geometry

- Plane Geometry Intro
 - Assumptions in Diagrams.
- Sums of Angles
- Special Triangles
 - Pythagorean Theorem.
 - 30° - 60° - 90° , 45° - 45° - 90° , and Equilateral Triangles.
- Coordinate Geometry.
 - Slope problems.

Q Data Interpretation

- Statistics in Context
 - Mean, Median, Mode, Range, Standard Deviation.
- Different Chart Types
 - e.g (Pie Charts, Bar Graphs, Dot Plots).

Week 10

Q Quant Review: Putting it all together

- Review questions of all types with discussion

V Verbal Review: Putting it all together

- Review questions of all types with discussion



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