

Unlocking GRE Number Properties: Your Key to Success with Manhattan Prep

The GRE Quantitative Reasoning section presents a formidable challenge, particularly in the realm of Number Properties. These questions test your understanding of fundamental number concepts, factorization, divisibility, and more. To overcome this hurdle, aspiring GRE test-takers need a robust arsenal of strategies and practice.

Enter Manhattan Prep's GRE Number Properties Strategy Guides – an invaluable resource that empowers you with the tools and techniques to master this crucial subject matter.



GRE Number Properties (Manhattan Prep GRE Strategy Guides Book 4) by Kathleen Cushman

★★★★☆ 4.2 out of 5

Language : English
File size : 3852 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 209 pages



Chapter 1: Fundamentals of Number Properties

This foundational chapter provides a comprehensive overview of Number Properties, laying the groundwork for your GRE success. You'll delve into:

- Prime and Composite Numbers

- Factorization, including Greatest Common Factor (GCF) and Least Common Multiple (LCM)
- Number Theory: Modular Arithmetic, Remainders, and Congruence

With clear explanations, helpful examples, and ample practice questions, you'll grasp the building blocks of Number Properties.

Chapter 2: Divisibility, Remainders, and LCM

In Chapter 2, you'll explore the intricacies of divisibility, remainders, and Least Common Multiples (LCM). Manhattan Prep's expert instructors guide you through:

- Division Algorithm and Number Patterns
- Remainder Theorem and Applications
- Finding the LCM using Prime Factorization and Venn Diagrams

Armed with these strategies, you'll confidently tackle GRE questions that require you to determine divisibility or calculate LCM.

Chapter 3: Exponents and Radicals

Chapter 3 dives into the world of exponents and radicals, equipping you with the knowledge to handle these complex mathematical concepts. You'll discover:

- Integer and Rational Exponents
- Properties of Exponents: Multiplication, Division, and Power to a Power

- Simplifying Radicals, Rationalizing Denominators, and Perfect Squares

With Manhattan Prep's guidance, you'll master the techniques for manipulating exponents and radicals, empowering you to solve even the most challenging GRE questions.

Chapter 4: Number Theory and Applications

This comprehensive chapter delves into advanced topics in Number Theory, providing you with a competitive edge on the GRE. You'll encounter:

- Odd and Even Numbers, Positive and Negative Integers
- Modular Arithmetic and Congruence
- Integer Solutions to Equations and Applications

By mastering these concepts, you'll gain a deep understanding of Number Theory and its practical applications.

Chapter 5: Practice Problems and Solutions

The culmination of your GRE Number Properties journey lies in Chapter 5, where you'll encounter a wealth of practice problems. Each question is meticulously crafted to test your comprehension and reinforce the strategies covered in previous chapters. Additionally:

- Detailed Solutions provide step-by-step explanations
- Diagnostic Feedback helps you identify areas for improvement
- Official GRE Practice Questions ensure realistic test preparation

With Manhattan Prep's GRE Number Properties Strategy Guides, you embark on a transformative journey toward GRE success. These comprehensive guides provide you with a mastery of the subject matter, equipping you with the confidence and skills to conquer this challenging section. Remember, Number Properties is one of the pillars of the GRE; by conquering it, you unlock your full GRE potential and open the doors to your academic aspirations.

Enroll in Manhattan Prep's Virtual Classroom today and experience the transformative power of their expert GRE instruction. With personalized feedback, live online sessions, and a dedicated community of fellow GRE aspirants, you'll harness the strategies and knowledge you need to achieve your GRE goals.

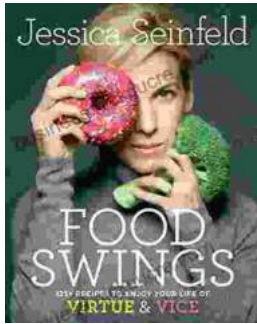


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