



Using and Understanding Mathematics: A Quantitative Reasoning Approach

By Bennett, Jeffrey; Briggs, William L.

Addison Wesley, 2004. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: I. LOGIC AND PROBLEM SOLVING. 1. Thinking Critically. Recognizing Fallacies. Propositions and Truth Values. Sets and Venn Diagrams. A Brief Review: Sets of Numbers. Analyzing Arguments. Critical Thinking in Everyday Life. 2. Approaches to Problem Solving. The Problem-Solving Power of Units. A Brief Review: Working with Fractions. Standardized Units: More Problem-Solving Power. A Brief Review: Powers of 10. Problem-Solving Guidelines and Hints. II. QUANTITATIVE INFORMATION IN EVERYDAY LIFE. 3. Numbers in the Real World. Uses and Abuses of Percentages. A Brief Review: Percentages. A Brief Review: What is ratio'. Putting Numbers in Perspective. A Brief Review: Working with Scientific Notation. Dealing with Uncertainty. A Brief Review: Rounding. Index Numbers: The CPI and Beyond. How Numbers Deceive: Polygraphs, Mammograms, and More. 4. Financial Management. The Power of Compounding. A Brief Review: Three Basic Rules of Algebra. Savings Plans and Investments. A Brief Review: Algebra with Powers and Roots. Loan Payments, Credit Cards, and Mortgages. Income Taxes. Understanding the Federal Budget. III. PROBABILITY AND STATISTICS. 5. Statistical Reasoning. Fundamentals of Statistics. Should You Believe a Statistical Study? Statistical Tables and Graphs. Graphs in the Media....



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