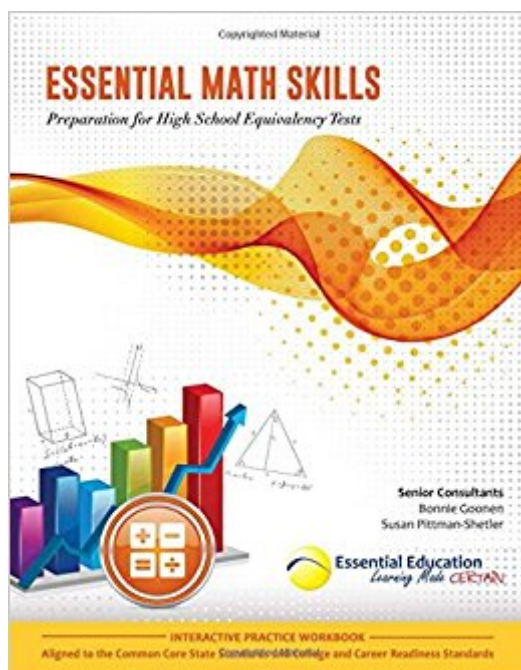


The book was found

Essential Math Skills, Preparation For High School Equivalency Tests



Synopsis

Problem-solving Strategies to Boost Math Scores Learn how to solve any math problem on the the 2014 GED® test, TASC Test®, or HiSET® exam quickly and accurately by applying mathematical reasoning skills. Students learn to connect new concepts to what they already know then learn strategies to find the answer quickly. Practice questions and answer key shows students how to check their work for accuracy. Lessons in this book are aligned with Common Core and College and Career Readiness Standards, and cover polynomials, algebra with linear equations, integers, and geometry. Common mathematical problems used in science, social studies, and business are also included. At 444 pages, this book is a complete test preparation course useful for self-study or to compliment online instruction. Subjects covered in this book: Approaching Math Problems: The UnPAC Process, Concrete and Abstract Problem Solving, Estimation and Mental Math, Calculators and Technology, Reasoning in Math Practical Applications of Math: Personal Finance and Money, Math in the Workplace, Applications of Ratios and Proportions, Using Units of Measure Thinking Algebraically: Algebra in Practical Application, Reasoning with Algebraic Equations, Linear Equations with One Variable, Applications of Inequalities, Equation of a Line, Graphing Two-Variable equations, Systems of Equations, Functions, Introduction to Polynomials, Dividing Polynomials, Quadratic Equations Geometric Reasoning: The Geometry of Lines and Angles, Thinking about Shape and Form, Applications of Two-Dimensional and Three-Dimensional Geometry Data and Statistics: Practical Applications of Statistics, Central Value, Charts and Graphs, Applications in Politics and Public Policy and Science, Probability

Book Information

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Customer Reviews

Essential Math Skills has become my GO TO book. In our GED program we use many resources, which include online programs. However, I understand the need to have good "print" material. I like Essential Math Skills because it helps the student process the problems and recognize common mistakes we make with math. It is not just about "solving" the problem, it provides instruction on how to "understand" the problem, process, and answer. The Math is presented as an essential part of Science and Social Studies applications. This supports the concept that "math is everywhere" . My favorite section is the Practice/Worksheets. It provides a good computation overview and always provides the algebraic link which helps students understand how algebra is also everywhere. The word problems in the practice section also enhance the students' ability to think beyond the "plug and chug" . I usually do not purchase big books- I prefer the smaller, pamphlet style books- but Essential Math Skills changed my mind. I used it in ALL my lessons.

I bought this book because I went to a workshop for TASC teachers and was told by the presenter that it would be very helpful to TASC math instructors. As anyone who is a TASC instructor knows, there is hardly anything out there that is of any help whatsoever to us, so I eagerly awaited the book. My hopes were high not only because of the presenter's glowing recommendation, but also because the title proudly proclaims that this book is for "Preparation for High School Equivalency Tests." Alas! Deceived again. The book is a total waste of money. I would estimate that 80% of the material in the book is basic math material at the upper middle school level. Of the other 20%, maybe half of it is even remotely relevant to the TASC math exam. What a disappointment. I will add it to the growing pile of material that I have purchased in a desperate attempt to find something that will help me prepare my students for the TASC exam.

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