



Mathability: Math in the Real World

By Michael Cain

Prufrock Press, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Mathability' gives students the experience and ability to analyze and solve real-life mathematical problems, and explain their methods of arriving at the solution. 'Mathability' is an excellent resource for preparing students for the performance tasks of standards-based tests. The six units in this book each have 10 problems that deal with a variety of real-life situations, such as those at a construction site, on vacation, in a business, and at home. The open-ended problems let students hone their skills in geometry, probability, percentages, use of charts, algebra, number relations/operations, money, and decimals. Open-ended performance tasks have become a mainstay of standards-based testing. It is one of the tasks that most students perform at below proficiency level. Much of this low performance is due to a student's lack of experience with writing explanations of the mathematics that made it possible to solve the problem. 'Mathability' presents a systematic approach that will lead students to proficiency. Within each unit, this book provides four different levels of problems. The Step-by-Step Level leads a student through the problem and provides a format for presenting their answers. The Prompted...



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Mathability is a program to build youngster's math problem-solving abilities and also to show them practical applications for the things they learn in their math classes. The six units in this book each have 10 problems that deal with a variety of real-life situations. Expertly written by Michael Cain and quite nicely illustrated by Mary Lou Johnson, Mathability: Math in the Real World is a consumable workbook whose exercises and activities are specifically designed to teach children in grades 5 through 8 how people use math in their daily lives. Start by marking "Mathability: Math in the Real World" as Want to Read: Want to Read saving! Want to Read. Mathability gives students the experience and ability to analyze and solve real-life mathematical problems, and explain their methods of arriving at the solution. Mathability is an excellent resource for preparing students for the performance tasks of standards-based tests. The six units in this book each have 10 problems that deal with a variety of real-life situations, s Mathability gives students the experience and ability to analyze and solve real-life mathematical problems, and explain their methods of arriving at the solution. Mathability is an excellent resource for preparing students f Yummy Math Quality math activities from real life, organized into categories such as math and social studies, geometry, data and probability, holidays and annual events, food, sports, number sense, etc. Available as PDF and DOC files. The activities are free but answers are available only to subscribers. www.yummymath.com. Micron: Math in the Workplace A great collection of REAL-world math problems contributed by a variety of businesses, demonstrating the relevance of math in today's world. The intent of these lessons is to excite students about mathematics, to expose students to professions that employ mathematics, and to demonstrate the relevance of mathematics in solving real-world challenges.