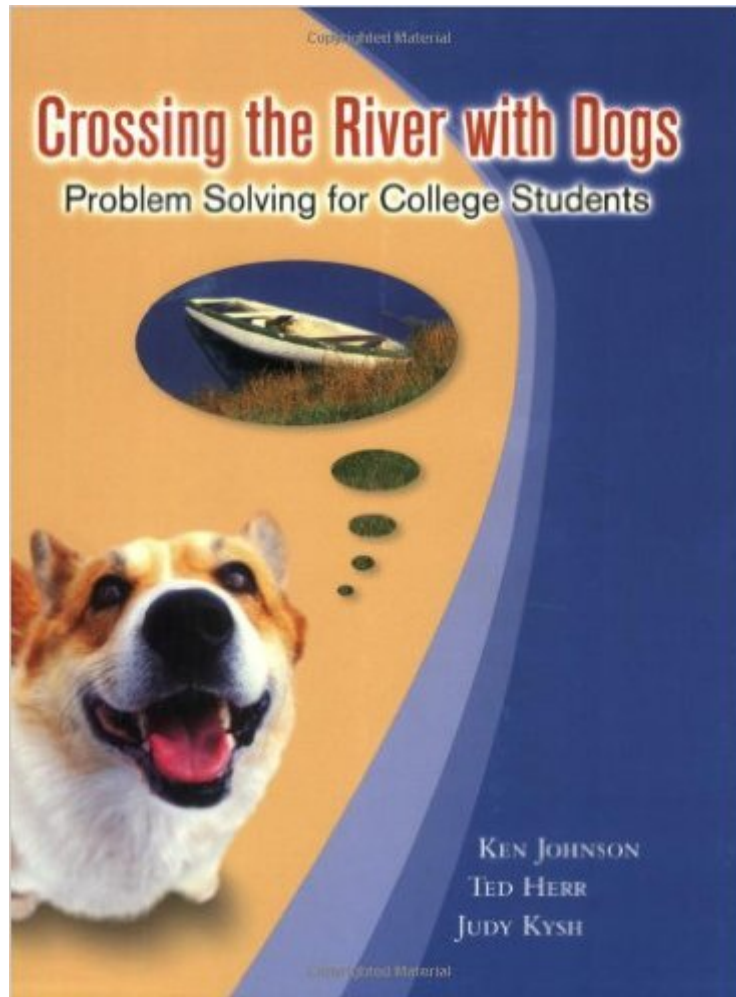


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Crossing The River With Dogs: Problem Solving For College Students



Synopsis

Students who often complain when faced with challenging word problems will be engaged as they acquire essential problem solving skills that are applicable beyond the math classroom. The authors of *Crossing the River with Dogs: Problem Solving for College Students*: - Use the popular approach of explaining strategies through dialogs from fictitious students - Present all the classic and numerous non-traditional problem solving strategies (from drawing diagrams to matrix logic, and finite differences) - Provide a text suitable for students in quantitative reasoning, developmental mathematics, mathematics education, and all courses in between - Challenge students with interesting, yet concise problem sets that include classic problems at the end of each chapter With *Crossing the River with Dogs*, students will enjoy reading their text and will take with them skills they will use for a lifetime.

Book Information

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Customer Reviews

Crossing the River with Dogs is a mathematics book on the topic of problem solving and logic. The textbook introduces a student, possibly for the first time, into mathematical strategies like unit analysis, matrix logic, and strategic diagrams. The real strength of this book is the power to provide solid content in an enjoyable way. The questions are unique and compelling. In fact, frequently the situations border on the edge of odd. Primarily, math books are written in a very serious tone. The questions are dry and based on real life situations. The author's of *Crossing the River with Dogs* took this model, crumpled it up, and disposed of it. Most of the questions in CRD are based on fantastical elements. For a business major, this came as a welcome relief. Problem Solving and

Logic class(PRL202) became a joy to attend as we worked through this text book. Environmental policies were informative, but figuring out how many Hrunkulu's could fit on an elevator was riveting. At the conclusion of the book, the student feels like as he walked through a world of Doctor Seuss's creation, and came out with a far greater understanding of mathematics and logic. This area of study would be of great interest to a student who needs mathematics credits at school, but does not want to take calculus or trigonometry. Those who home school could easily use this textbook after the completion of geometry and algebra. Parents be warned that the concepts discussed in the textbook are best understood in a group setting. Of all my textbooks I purchased for my college degree, this is the only textbook that I still have on my shelf. I give Crossing the River with Dogs a hearty recommendation.

I am a first year teacher, teaching high school math topics (Algebra, Geometry, Pre-Calc, etc) and I find the problems in this book to be amazing! I have a study skills class that is required for all 10th graders. The classes have students who are in Pre-Algebra up to students taking Algebra 2 honors. I find the problems in this book to be an even playing field for all levels! The problems require the students to think and problem solve using various strategies explained throughout the book. I've recommended it to every teacher I know, and they've all agreed that this book is a must have! No matter what you teach, you can always find a handful of problems that will have the students becoming more advanced problem solvers. HIGHLY RECOMMENDED!

I'm really enjoying the book. This book inspires you as a teacher, it helps improve your finer details of the math concepts.

This book is a great text book. My professor loves it and I really like it too. The way it makes you think is so different than other concepts in the math realm. This book makes you think and I recommend incorporating Sudoku puzzles into your curriculum if you teach a problem solving class. I'm only a student, but they really make you think.

This book introduces students to the techniques and thinking that people who are already good at math use and either invent for themselves or learn from their friends. It begins with non-technical language and gradually introduces problem solving techniques - one at a time. The first chapter is 'Draw a Diagram.' One of the common myths about doing mathematics is "people who are good at it, 'do it only in their heads.'" Totally false - so this book starts with 'Draw a Diagram' and gives

several types of diagrams for one problem. So students can use the types that makes sense for them for the problem section at the end of the chapter. Algebra is the 9th chapter and the lead up is a chapter on 'Guess & Check.' The charts in that chapter provide a 'bridge' to writing equations from 'word problems' in the Algebra chapter. The high school version was a best seller - I've been using the college version for the last 4 years.

It is a good book to do college level math work. But I wish the author or the publisher would print some or all of the answers to the math problems, when a professor assigns the math problems for the students to do in the class or as a homework assignment.

By far the best text for people who have gotten stuck in "I can't do math." It is written for the student to read; it introduces a large set of techniques that people who are good at math either invent for themselves or borrow from friends. It can transition students to being able to read & learn from ordinary mathematics texts.

This is identical to ISBN 1559533706, Problem Solving Strategies. The authors have repackaged it with a new cover. There is no new material covered in this book.

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