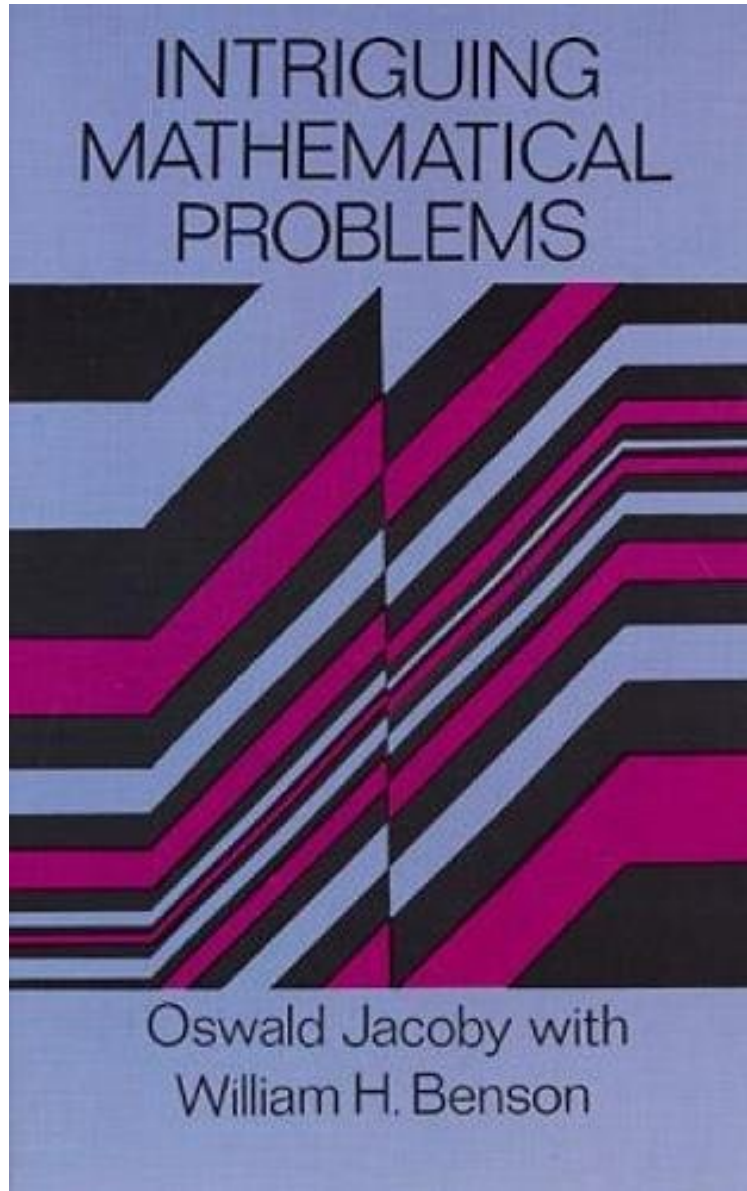


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## Intriguing Mathematical Problems (Dover Books on Mathematics)

*Oswald Jacoby, William H. Benson*

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PontonI'd like to add to the previous and very accurate review that this is a classic book first published in 1961. Unlike other books on the subject, this one keeps you interested at all times due to the great variety and unique problem wording that entices the reader to solve the riddles. Highly recommended to make students think-high school and college level alike!5 of 5 people found the following review helpful. Challenging and Intriguing mathematical problems for everyoneBy David De SousaThis great book is amusing and informative in its approach to solving mathematical bafflers, and presents not only puzzles but a treasury of theories, games, and oddities of all kind.Although primarily intended to entertain, the wide variety of puzzles, ranging from easy to solve curiosities to very difficult to solve exercises, will challenge everyone, keeping their minds going at full steam.The book is divided in five sections, made of approximately 30 problems with solutions for each one at the end of the chapter- Fun with numbers.- Fun with letters.- The odds explorations in probability.- Where inference and reasoning reign.- The answers are whole number.This is an example of what you could find in this book (Fun with numbers. 33-Mixture):"One glass is half full of wine and another glass twice its size is one-quarter full of wine. Both glasses are filled with water and the contents mixed in a third container. What part of the mixture is wine?"A delightful and thought-provoking adventure in recreational mathematics.

Amusing and informative in its approach to solving mathematical bafflers, this treasury of theories, games, puzzles and oddities of all kinds, compiled by one of the world's best card players (Jacoby) and an expert in mathematical recreations (Benson) will delight and fascinate math enthusiasts.Although primarily intended to entertain, the wide variety of puzzles ranging from facile curiosities to very difficult intellectual exercises will challenge you to keep your mind going full steam. Each of the book's five sections "Fun with Numbers," "Fun with Letters," "The Odds: Explorations in Probability," "Where Inference and Reasoning Reign" and "The Answers Are Whole Numbers" is made up of approximately 30 problems, with solutions grouped at the end of each section. Math buffs will love testing their puzzle-solving skills on such challenging brainteasers as The Enterprising Snail, Mrs. Crabbe and the Bacon, The Fly and the Bicycles, The Lovesick Cockroaches, The Three Prisoners, Girls Should Live in Brooklyn, Who Was Executed?, Creaker vs. Roadhog, The Crossed Ladders, The Ancient Order of the Greens, and many more.Few of these problems require any advanced mathematical knowledge or prowess. You'll find that simply keeping your wits about you and your logical skills honed are all you need to enjoy a delightful and thought-provoking adventure in recreational mathematics. Foreword. 10 illustrations. 14 tables.