# Mathematical Gems II: Pt. 2 (Dolciani Mathematical Expositions)

Honsberger, Ross

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# Mathematical Gems I The Dolciani Mathematical Expositions

Ross Honsberger

**Mathematical Gems I The Dolciani Mathematical Expositions:**

Mathematical Gems II Ross Honsberger,1976-06-01 Ross Honsberger was born in Toronto Canada in 1929 and attended the University of Toronto After more than a decade of teaching mathematics in Toronto he took advantage of a sabbatical leave to continue his studies at the University of Waterloo Canada He joined the faculty in 1964 Department of Combinatorics and Optimization and has been there ever since He is married the father of three and grandfather of three He has published seven bestselling books with the Mathematical Association of America Here is a selection of reviews of Ross Honsberger s books The reviewer found this little book a joy to read the text is laced with historical notes and lively anecdotes and the proofs are models of lucid uncluttered reasoning about Mathematical Gems I P Hagis Jr in Mathematical Reviews This book is designed to appeal to high school teachers and undergraduates particularly but should find a much wider audience The clarity of exposition and the care taken with all aspects of explanations diagrams and notation is of a very high standard about Mathematical Gems II K E Hirst in Mathematical Reviews All i e the articles in Mathematical Gems III are written in the very clear style that characterizes the two previous volumes and there is bound to be something here that will appeal to anyone both student and teacher alike For instructors Mathematical Gems III is useful as a source of thematic ideas around which to build classroom lectures Mathematical Gems III is to be warmly recommended and we look forward to the appearance of a fourth volume in the series Joseph B Dence Mathematics and Computer Education These delightful little books contain between them 27 short essays on topics from geometry combinatorics graph theory and number theory The essays are independent and can be read in any order overall these are serious books presenting pretty mathematics with elegant proofs These books deserve a place in the library of every teacher of mathematics as a valuable resource Further as much of the material would not be beyond upper secondary students inclusion in school libraries may be felt desirable too about Mathematical Gems I and II Paul Scott in The Australian Mathematics Teacher *Mathematical Gems* ,1976

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wide range of problems and provide about 200 examples that illustrate how teachers can include these techniques in their mathematics curriculum In many cases the methods presented make the solution of a problem easier neater and more understandable and thereby more enjoyable This new edition includes references to current standards revisions and clarifications throughout the text and a number of new problems that can be used to teach the different strategies

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