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50 mathematical puzzles and problems: Green collection (grades 6 through 12). From the International Championship of Mathematics, Fédération Française des Jeux Mathématiques. Key Curriculum Press, Emeryville, CA (ISBN 1-55953-498-2). 96 p. (2001).

Originally published in France, this translation of mathematical conundrums offers English-speaking students, as well as lovers of math games and logic puzzles, an opportunity to meet the challenges devised by the Fédération Française des Jeux Mathématiques for the International Championship of Mathematics. Designed to address a student's reasoning skills rather than knowledge, this series of 50-problem sets represents the best of more than a decade' worth of championship questions. The three collections are organized by mathematical themes - geometry and symmetry, arithmetic and number theory, logic and algorithmic process - to easily adapt to an instructor's curriculum. Each book is arranged with one problem per page for easy overhead use or distribution. The Green Collection is the introductory set, for middle school and high school students (grades 6-12). It addresses classic problems such as the four-colour map, division of irregular areas into equal parts, magic squares, and number mazes.

Classification: U40