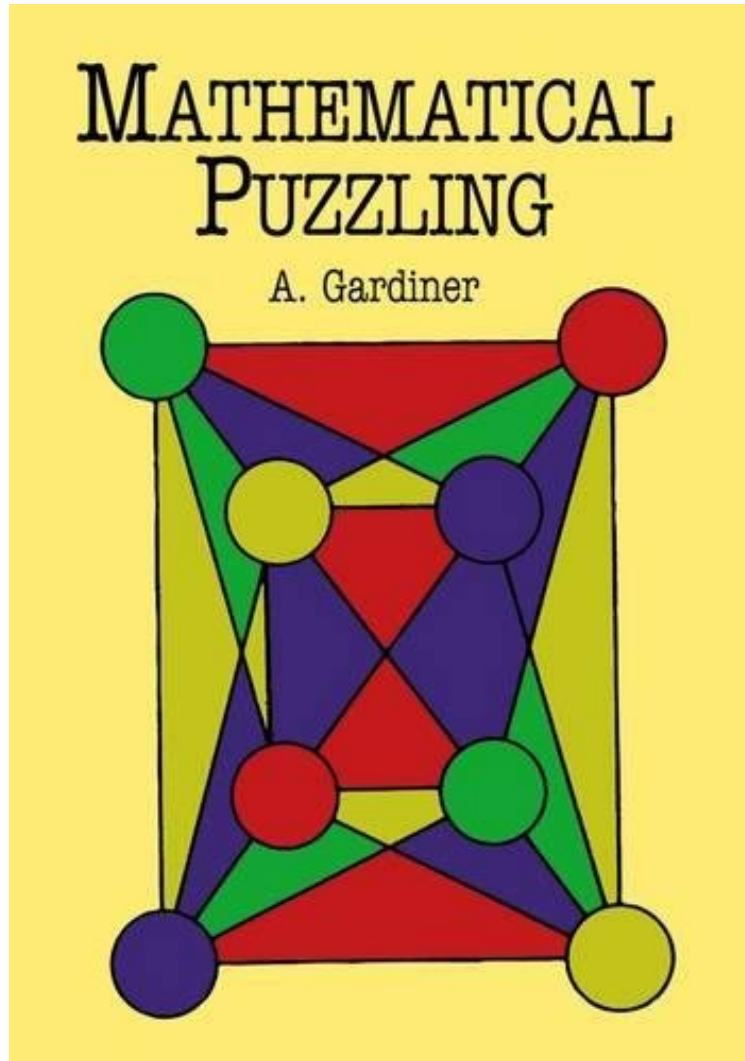


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Mathematical Puzzling (Dover Books on Mathematics)

A. Gardiner

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A. Gardiner : Mathematical Puzzling (Dover Books on Mathematics) before purchasing it in order to gage whether or not it would be worth my time, and all praised Mathematical Puzzling (Dover Books on Mathematics):

7 of 7 people found the following review helpful. Puzzles that Really Teach Math!By Peter A. FarrellI'm a math teacher and tutor, and I find most math puzzles and recreations to be a little academic at best, and needlessly obscure at worst. The exercises in Gardiner's book, however, are rich in useful mathematical ideas, and each question builds on previous ones in the chapter. After playing with these puzzles, the student (and teacher!) will be able to apply what they've learned to other math questions. Everything from number theory to geometry is touched upon in these challenging, thought-provoking excursions for the mind.

Challenging and stimulating collection of diverting brain-teasers helps high school students integrate simple techniques and complex problem-solving strategies in an enjoyable way. Problems involving squares and cubes, polyhedra, prime numbers, chess pieces, and other subjects are grouped into 29 sections, with easier problems appearing at the beginning of each. A valuable tool for teachers, this absorbing book will also appeal to individuals working alone who want to develop problem-solving techniques. Solutions included.