



# Proofs Without Words III: Further Exercises in Visual Thinking (Classroom Resource Materials)

*Roger B. Nelsen*

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The proofs in the book are divided by topic into five chapters: Geometry and Algebra; Trigonometry, Calculus and Analytic Geometry; Inequalities; Integers and Integer Sums; and Infinite Series and Other Topics. The proofs in the book are intended primarily for the enjoyment of the reader, however, teachers will want to use them with students at many levels: high school courses from algebra through precalculus and calculus; college level courses in number theory, combinatorics, and discrete mathematics; and pre-service and in-service courses for teachers.

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