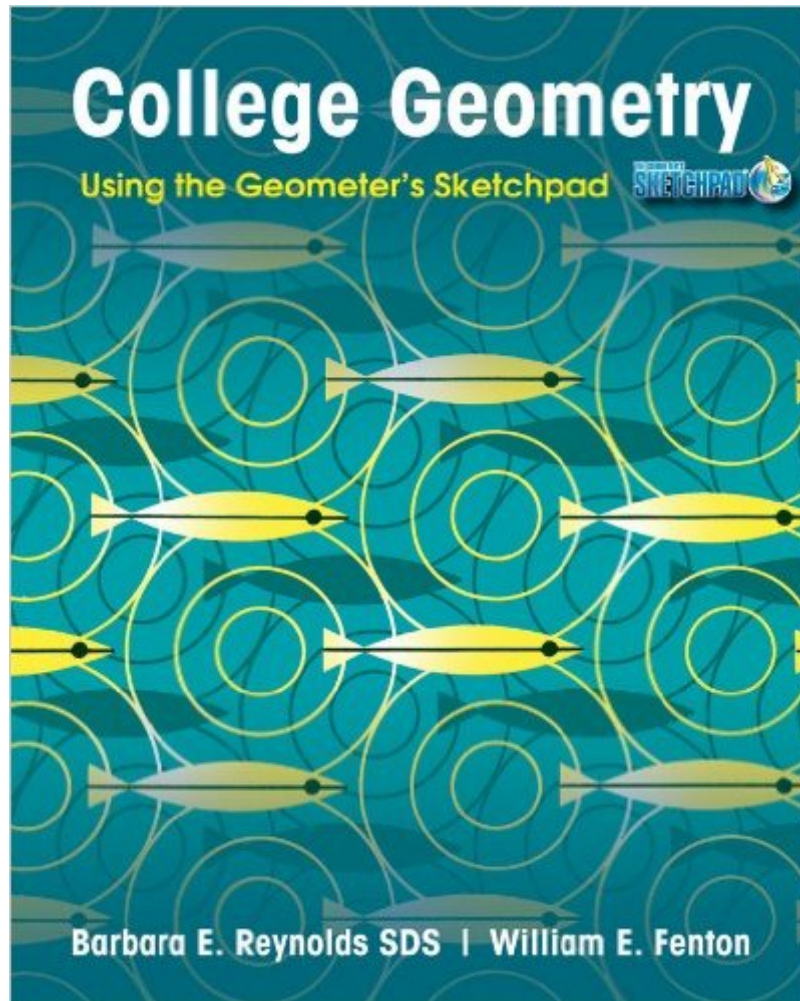


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# College Geometry: Using The Geometer's Sketchpad



## Synopsis

From two authors who embrace technology in the classroom and value the role of collaborative learning comes *College Geometry Using The Geometer<sup>TM</sup>s Sketchpad*. The book's truly discovery-based approach guides readers to learn geometry through explorations of topics ranging from triangles and circles to transformational, taxicab, and hyperbolic geometries. In the process, readers hone their understanding of geometry and their ability to write rigorous mathematical proofs.

## Book Information

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Average Customer Review: 3.9 out of 5 stars [See all reviews](#) (8 customer reviews)

Best Sellers Rank: #89,618 in Books (See Top 100 in Books) #40 in [Books > Textbooks >](#)

[Science & Mathematics > Mathematics > Geometry](#) #84 in [Books > Science & Math >](#)

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## Customer Reviews

This text is written to work in conjunction with the Sketchpad software - if you don't have the software, it becomes much less useful. If you do have (or acquire) the software, then you can carry out the investigations they discuss along the way, learning much. Overall, the work applies constructive teaching methods, making the reader do much of the discovery. If you are looking for a rigorous approach to proving and developing theorems, especially with Euclidean topics, this book is helpful. If you want a straightforward text that presents the material outright, you will loathe this book.

I love math, and especially geometry, so I was excited to learn this program. I cannot say enough about this book being the absolute worst textbook ever written. It is completely inaccessible for students, it is not concise in any way, and makes no sense to the reader. Both instructors who have used this book at my university have said that they will never use it again.

Item as described, and I could not be happier. I would buy again if need be.

perfectly in tact. no creases or damage

Great condition

Great if using sketchpad software. The book is not very rigorous, but good as an introductory course text. Easy to understand.

I was just charged for my return saying it was in poor condition. It was sent to me in poor condition but I was happy to use it for the few weeks that I needed it for and didn't think anything of it. Now they want to charge me full price for its condition. I am not very happy about this since it wasn't my wear and tear that put it in that condition. After talking to a representative, they kindly worked out the refund situation. I do appreciate the customer service.

I read some of the reviews about how this book is not good. I actually think the opposite. It is a phenomenal book that forces students to understand the concepts, versus memorizing them. I feel like Sketchpad really aids in developing and understanding proofs by being able to create constructions. Specifically, I never really had a STRONG understanding of why some of the simple constructions from high school were done the way they were, but Sketchpad has assisted me in seeing how circles are the basis of many of the constructions, although we were taught to just use arches. This book goes deeper into Geometry and explains the why of things, which is always what I wanted to know, but very few Geometry teachers provided this. Now don't get me wrong, this book **MAKES YOU WORK**. You have to put in the time and energy for the exercises to pay off!

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