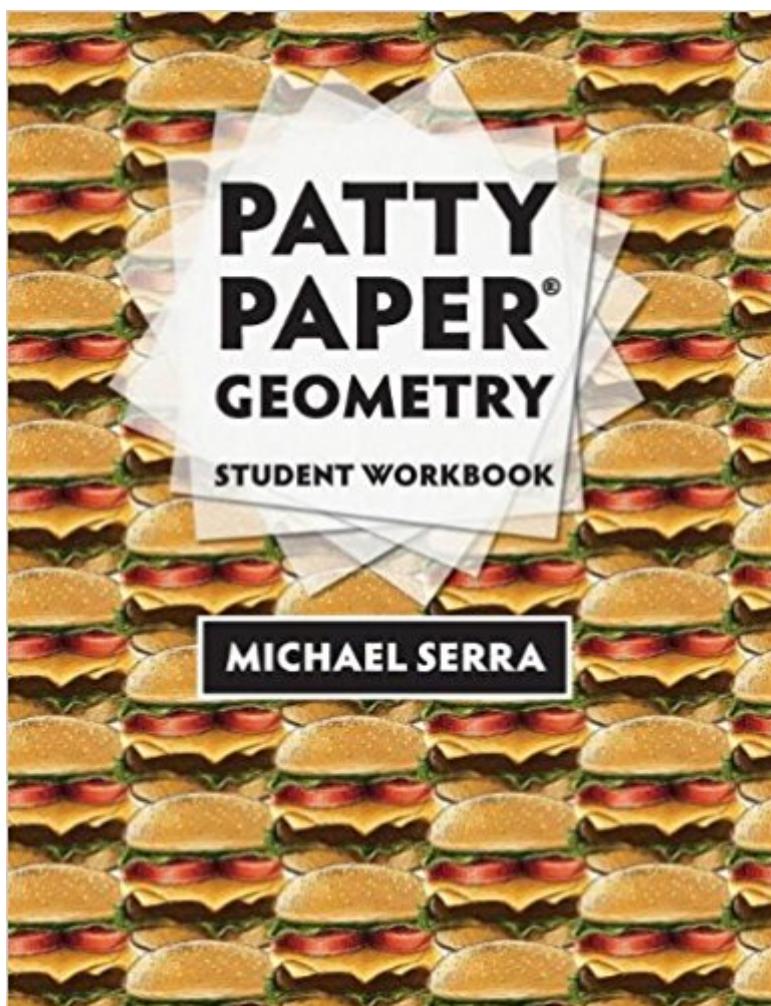


The book was found

# Patty Paper Geometry: Student Workbook



## Synopsis

Written by the best selling author of Discovering Geometry, Patty Paper Geometry Student is the workbook to Patty Paper Geometry. At the end of their investigations, students have discovered most of the properties of geometric figures studied in high school geometry courses. Use Patty Paper Geometry as a supplement to your geometry program or even as a major course of study. Author: Michael Serra, Pages: 82, paperback, Publisher: Playing It Smart, ISBN: 978-1559530743

## Book Information

Paperback: 82 pages

Publisher: Playing It Smart (December 1, 1994)

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Product Dimensions: 0.2 x 8.5 x 11 inches

Shipping Weight: 6.4 ounces

Average Customer Review: 3.5 out of 5 stars 4 customer reviews

Best Sellers Rank: #235,684 in Books (See Top 100 in Books) #42 in Books > Teens > Education & Reference > Mathematics > Geometry #249 in Books > Science & Math > Mathematics > Geometry & Topology

## Customer Reviews

Patty Paper Geometry was designed for you to "learn by doing." What do we know about isosceles triangles? What happens when a line intersects a pair of parallel lines? What is true about the diagonals of a rhombus? Geometric properties are very important because we use geometry to help us understand the way things work. With geometry we can build bridges, skyscrapers, and airplanes. With Patty Paper Geometry you will get a hands-on introduction to geometry.

What Do Hamburgers Have to Do with Geometry? Nothing, but the translucent squares of paper used by restaurants to separate hamburger patties have a LOT to do with it. Best -selling author Michael Serra, brings discovery through paper-folding activities to the classroom with his innovative book Patty Paper Geometry. Patty paper is perfect for geometric investigations. You can write on the paper, trace, and see creases when you fold it. It's a great way to explore geometry from a hands-on, tactile approach. This student workbook is a supplement to Patty Paper Geometry and

includes 12 chapters of open investigations and exercise sets so you can explore your own methods of discovery.

Before I get started I should explain that patty paper is the paper that butchers use to separate hamburger patties when you buy them already made. You can fold it, write on it, trace with it and it's relatively cheap. The Holt Geometry textbook mentions a few activities that can be done with patty paper, but Michael Serra turns it into a major part of any Geometry curriculum. I ran across "Patty Paper Geometry" after I read "Hidden Harmonies" which is a great book if you're into the Pythagorean Theorem. In that book they mentioned a teacher by the name of Elisha Scott Loomis, who taught Geometry in the same high school where I currently teach Geometry, only he did it at the beginning of the 20th Century. One thing that he advocated was that the theorems of Geometry should be taught by folding paper figures. Michael Serra's book is exactly what Loomis was looking for. It is great way for the students to get "down and dirty" with Geometry. Using patty paper the student gets a better feel for concepts like angle bisector and perpendicular bisector. A big advantage to using the patty paper is that you don't have to get bogged down in the mechanics of using a compass and straight edge. You just have to fold the paper. The only regret I have is that I didn't find this book until April. It would have been a whole lot easier if I would have found it in September.

Pages were missing and they were activities on the topics I wanted!

An excellent resource for hands on learning of geometry. A must have for math or geometry teachers. Corresponds with Patty Paper Geometry Book.

Item as described. Arrived on time.

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