


[DOWNLOAD](#)


Geometry: An Investigative Approach (2nd Edition)

By O'Daffer, Phares G.; Clemens, Stanley R.

Pearson, 1992. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: 1. A Panoramic View of Geometry. Introduction, Geometry in the Physical World, Geometry as a Mathematical System, Geometry as a Formal Axiomatic Structure, Aesthetic and Recreational Aspects of Geometry, Summary. 2. Basic Ideas of Geometry. Introduction, Points, Lines, and Their Relationships, Basic Geometric Figures and Their Measures, Line and Angle Relationships, More about Triangles and Quadrilaterals. 3. Discovering Polygon Relationships. Introduction, More About Polygons, Symmetry of Polygons, Construction of Regular Polygons, Star Polygons, Discovering Theorems About Polygons. 4. Patterns of Polygons. Tessellations. Introduction, Tessellations of Polygons, Tessellations with Regular Polygons, Analysis of Semi-Regular Tessellations, Three-Mirror Kaleidoscope, Tessellations of Curved Patterns. 5. Geometry in 3-Dimensions. Introduction, Regular Polyhedra, Symmetry in Space, Semi-Regular Polyhedra, Tessellations of Space 6. Measurement--Length, Area, and Volume. Introduction, Need for Standard Units in Measuring, Metric System of Measuring Units, Measuring Length, Measuring Area, Measuring Volume and Capacity, Measuring Mass and Weight. 7. Motions in Geometry. Introduction, Slides or Translations, Turns or Rotations, Flips or Reflections, Combining Slides, Turns, and Flips, Motions and Congruence. 8. Magnification and Similarity. Introduction, Magnification, Properties of Magnifications, Similarity. 9. Topology. Introduction, Topological Equivalence, Networks, Jordan Curve...


[READ ONLINE](#)

[7.49 MB]

Reviews

This is the best book i have read until now. It can be filled with knowledge and wisdom Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Nadia Konopelski**

This published publication is wonderful. Of course, it is actually engage in, still an interesting and amazing literature. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Vickie Wolff**