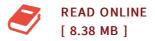




## Geometric Structures: An Inquiry-Based Approach for Prospective Elementary and Middle School Teachers

By Aichele, Douglas B.; Wolfe, John

Pearson, 2007. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Part I: Paper Folding Chapter 0 - Warm Up Activities 0.0 Introduction 0.1 Folding Polygons from a Circle 0.2 Making Squares 0.3 Two Congruent Halves 0.4 Dissecting Figures Chapter 1 - Polygons and the Angle Relationships 1.0 Introduction 1.1 Parallel Line Grid - Triangle Angle Sum 1.2 Envelope Fold - Triangle Angle Sum 1.3 Triangle and Quadrilateral Angle Sums by Tearing 1.4 Polygon Angle Sums: How many Triangles? 1.5 The Angles of a Polygon 1.6 When Does Erika's Idea Work? 1.7 The Greedy Triangle 1.8 Problems: Angle Sums and Angle Relationships 1.9 Four Kinds of Related Angles 1.10 Figuring Angles and Checking by Measurement 1.11 Parallel Lines: How to Recognize Them 1.12 Measuring Sides and Angles of Triangles 1.14 Convex: Different Ways to Make Sense of It 1.14a Angle Problems -Version A 1.14b Angle Problems - Version B 1.15 Angle Probems - More 1.16 How Do I Know if I Understand? 1.17 Conjecturing ABout Quadrilaterals 1.18 Possible or Not? 1.19 True or False (with Example) 1.20 Under What Conditions? Chapter 2 -Quadrilaterals and Their Definitions 2.0 Introduction 2.1 Checking Properties of Quadrilaterals...



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