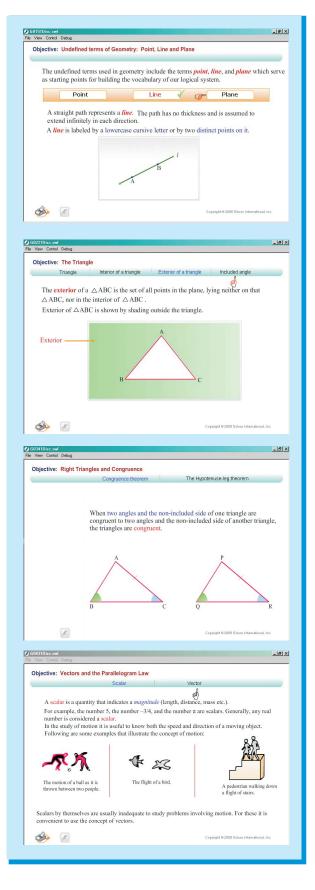
TABLE OF CONTENTS

CHAPTER 1: BUILDING BLOCKS OF GEOMETRY		
1.1	Logical Reasoning: A foundation for Geometric Proofs	1 - 4
1.2	Logical Statements	5 - 11
1.3	Valid Vs. Invalid Arguments	12 - 14
1.4	Sets, Equivalence Relations and Qualities	
	of a Good Definition	15 - 20
1.5	Euclidean Geometry – A Mathematical System	21 - 35
1.6	Quick Review	36 - 43
Сн	APTER 2: GEOMETRIC PROOFS	
2.1	Introduction to Geometric Proofs	45 - 56
2.2	The Triangle, an Introduction	57 - 59
2.3	Congruence of Triangles	60 - 70
2.4	Isosceles Triangles and Other Classifications	71 - 77
2.5	Perpendicular Lines; Angle Bisectors; Perpendicular	
	Bisectors; Medians and Altitudes ; Circles and Related Concepts	78 - 85
2.6	To Justify Constructions 1-6 Using Congruence	70-00
	of Triangles	86 - 87
2.7	Quick Review	88-93
G.T.	Geometry Test Chapters 1 & 2	94 - 97
CHAPTER 3: PARALLEL LINES AND PROPERTIES		
•	OF TRIANGLES	1120
3.1	Triangle Inequalities	99 - 105
3.2 3.3	Parallel Lines in Plane and Fundamental Proofs	106 - 117 118 - 123
3.4	The Triangle Sum Theorem and its Corollaries Right Triangles and Congruence	124 - 131
3.5	Quick Review	132 - 135
CHAPTER 4: POLYGONS		
4.1	Definitions and Properties of Polygons	137 - 148
4.2	Quadrilaterals: Parallelograms and Kites	149 - 156
4.3	Vectors and the Parallelogram Law	157 - 159
4.4	Rectangles, Squares and Rhombi	160 - 163
4.5	Trapezoids and Intercepts - Definitions and Properties	164 - 169

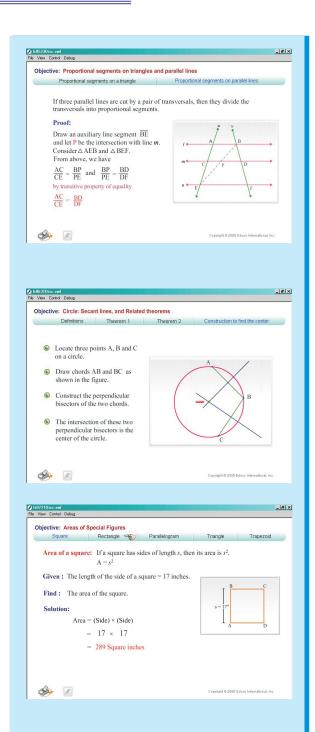
4.6 Quick Review



170 - 174

TABLE OF CONTENTS

Index



I.1-I.3