



TABLE OF CONTENTS

ABOUT THIS BOOK	vii
INTRODUCTION	1
CHAPTER 1	
Transforming Our World	9
Fold Me! Flip Me!	12
Mirror, Mirror, on the Wall	14
Slide Me Now	17
Design This	18
Gliding Along	20
Into the Light with Transformations	21
Transforming with Matrices	26
CHAPTER 2	
The Geometry of Position and Map Making	27
Delivering Packages	32
Where Are We Now?	35
Intuitive Cartography	38
Projecting on a Cylinder	41
CHAPTER 3	
Multiple Dimensions of Similarity	45
Scale Factors	49
Basic Dilations	51
Coordinate Connections	52
Multiple Transformations	54
Shadowy Measurements	56
Field of Vision	58
CHAPTER 4	
Visualizing Limits in Our World	61
What's My Sum?	63
Sum Me Up	64
The Koch Snowflake Curve: How Big Am I?	67
Smoke and Mirrors	69
Discontinuous, That's What You Are!	70
How Small Are the Squares?	73
LOOKING BACK AND LOOKING AHEAD	75

Black Line Masters and Solutions 77

Fold Me! Flip Me! 78

Mirror, Mirror, on the Wall 80

Slide Me Now 82

Design This 84

Gliding Along 85

Into the Light with Transformations 87

Transforming with Matrices 95

Delivering Packages 97

Where Are We Now? 99

Intuitive Cartography 101

Projecting on a Cylinder 105

Scale Factors 107

Basic Dilations 110

Coordinate Connections 111

Multiple Transformations 113

Shadowy Measurements 115

Field of Vision 117

What’s My Sum? 119

Sum Me Up 121

The Koch Snowflake Curve: How Big Am I? 122

Smoke and Mirrors 125

*Dis*continuous, That’s What You Are! 126

How Small Are the Squares? 127

Solutions 128

REFERENCES 150

CONTENTS OF CD-ROM

Applets

- Tessellation Exploration (Chapter 1)
- Viewing-Tube Geometry (Chapter 3)
- Koch Snowflake Curve (Chapter 4)
- Least Squares (Chapter 4)

Supplemental Materials

- Time Line of Important Events in Map Making (Chapter 2)
- Applications of the Global Positioning System (Chapter 2)
- Trilateral Coordinates and Triangular Grids (Chapter 2)
- Similar Triangles for “Scale Factors” (Chapter 3)
- Directions for Sketchpad Users for “How Small Are the Squares?” (Chapter 4)

Blackline Masters

Readings from Publications of the National Council of Teachers of Mathematics

- Godzilla: Fact or Fiction
 - Rick Billstein and James Trudnowski
 - NCTM Student Math Notes*
- Visual Thinking with Translations, Half-Turns, and Dilations
 - Tom Brieske
 - Mathematics Teacher*

5-Con Triangles

Maurice Burke

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Similarity from Multiple Perspectives

Arthur F. Coxford, Linda Burks, Claudia Giamati, and Joyce Jonik

Geometry from Multiple Perspectives: Curriculum and Evaluation Standards for School Mathematics Addenda Series, Grades 9–12, pp. 55–56

Integrating Geometry into the Secondary Mathematics Curriculum

Timothy V. Craine

The Secondary School Mathematics Curriculum, pp. 119–33

An Interesting Introduction to Sequences and Series

John Egsgard

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Similarity: Investigations at the Middle Grades Level

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Mission Mathematics: Linking Aerospace and the NCTM Standards, 9–12, pp. 37–62

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Conic Sections

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Mathematics through Paper Folding, p. 33

Visualizing Least-Square Lines of Best Fit

Charles Vonder Embse

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Experiencing Functional Relationships with a Viewing Tube

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