

Contents

Preface	ix
Chapter 1. The First Day	1
Chapter 2. Polynomials	9
Chapter 3. Base Mathematics	21
Chapter 4. A Mysterious Visitor	33
Chapter 5. Set Theory	39
Chapter 6. Two Triangles	49
Chapter 7. Independence Day	65
Chapter 8. Independence Aftermath	73
Chapter 9. Amanda	81
Chapter 10. An Aesthetical Error	87
Chapter 11. Miraculous Cancellation	95
Chapter 12. Probability Theory	103
Chapter 13. Geometry	115
Chapter 14. Hodgepodge	129
Chapter 15. Self-referential Mathematics	137
Chapter 16. All Good Things Must Come to an End	149
Notes	159
1. First Day	159
2. Polynomials	159
3. Base Mathematics	160
4. A Mysterious Visitor	160
5. Set Theory	161
6. Two Triangles	161
7. Independence Day	162
8. Independence Aftermath	162
9. Amanda	162
10. An Aesthetical Error	163

11. Miraculous Cancellation	163
12. Probability Theory	164
13. Geometry	164
14. Hodgepodge	165
15. Self-Referential Mathematics	165
16. All Good Things Must Come to an End	166
Bibliography	167
Index	175