

# Contents

<i>Introduction</i>	ix
1. <i>Sprouts and Brussels Sprouts</i> Answers on page 10	3
2. <i>Penny Puzzles</i> Answers on page 22	12
3. <i>Aleph-null and Aleph-one</i> Answers on page 39	27
4. <i>Hypercubes</i> Answers on page 53	41
5. <i>Magic Stars and Polyhedrons</i> Answers on page 63	55
6. <i>Calculating Prodigies</i>	66
7. <i>Tricks of Lightning Calculators</i> Answers on page 87	77
8. <i>The Art of M. C. Escher</i> Answers on page 102	89
9. <i>The Red-Faced Cube and Other Problems</i> Answers on page 111	103
10. <i>Card Shuffles</i> Answers on page 136	123

- 11.** *Mrs. Perkins' Quilt and Other Square-Packing Problems* 139  
Answers on page 147
- 12.** *The Numerology of Dr. Fliess* 150  
Answers on page 160
- 13.** *Random Numbers* 161  
Answers on page 171
- 14.** *The Rising Hourglass and Other Physics Puzzles* 173  
Answers on page 184
- 15.** *Pascal's Triangle* 194  
Answers on page 204
- 16.** *Jam, Hot, and Other Games* 208  
Answers on page 223
- 17.** *Cooks and Quibble-Cooks* 226  
Answers on page 236
- 18.** *Piet Hein's Superellipse* 240
- 19.** *How to Trisect an Angle* 255
- Bibliography* 267