

Contents

Introduction	vii
1 Structure of this book	vii
2 The Putnam Competition over the years	viii
3 Advice to the student reader	ix
4 Scoring	x
5 Some basic notation	xi
6 Acknowledgements	xi
Problems	1
Hints	35
Solutions	51
The Forty-Sixth Competition (1985)	53
The Forty-Seventh Competition (1986)	65
The Forty-Eighth Competition (1987)	76
The Forty-Ninth Competition (1988)	88
The Fiftieth Competition (1989)	101
The Fifty-First Competition (1990)	116
The Fifty-Second Competition (1991)	135
The Fifty-Third Competition (1992)	154
The Fifty-Fourth Competition (1993)	171
The Fifty-Fifth Competition (1994)	191
The Fifty-Sixth Competition (1995)	204
The Fifty-Seventh Competition (1996)	217
The Fifty-Eighth Competition (1997)	232
The Fifty-Ninth Competition (1998)	250
The Sixtieth Competition (1999)	262
The Sixty-First Competition (2000)	278
Results	295
Individual Results	295
Team Results	301
	xiii

Putnam Trivia for the Nineties	
by Joseph A. Gallian	307
Answers	321
Some Thoughts on Writing for the Putnam	
by Bruce Reznick	311
Bibliography	323
Index	333
About the Authors	337