

CONTENTS

<i>About the Authors</i>	vii
<i>Acknowledgements</i>	ix
Introduction	1
A Note on Terminology	5
1. Understanding Mathematics	7
2. Understanding Number and Counting	33
3. Understanding Place Value	67
4. Understanding Addition and Subtraction	83
5. Understanding Multiplication, Division and Fractions	115
6. Understanding the Principles of Arithmetic	143
7. Understanding Number Patterns and Calculations	159
8. Understanding Measurement	191
9. Understanding Geometry	227
10. Understanding Statistics	259
11. Understanding Reasoning and Problem Solving in Mathematics	281
<i>References</i>	311
<i>Index</i>	317