



# Contents

Preface.....	vii
Acknowledgments.....	xiii
Introduction.....	1
Chapter 1: Understanding Today's Mathematics Classroom .....	9
Chapter 2: Mathematical Processes and Skills .....	27
Chapter 3: Number Sense .....	45
Chapter 4: Working with Whole Number Operations.....	73
Chapter 5: Understanding Fractions and Decimals .....	109
Chapter 6: Working with Fractions.....	135
Chapter 7: Mathematics at Home .....	161
Chapter 8: Connections to Middle School and Beyond .....	183
Appendix A: Solution to the Handshake Problem.....	193
Appendix B: Division with Zero.....	195
Glossary.....	197
Bibliography.....	201
Index .....	207