

# Contents

Foreword	
<i>Margaret Donaldson</i>	vi
Introduction	viii
1 What is the problem?	1
2 Piaget under attack	12
3 Addition and subtraction before school	24
4 What's so hard about two and two?	37
5 Children's invention of written arithmetic	53
6 The written number systems of other cultures	79
7 Understanding the written symbolism of arithmetic	95
8 Children's difficulties in school	113
9 Learning through number games	134
10 Learning with LOGO	152
11 A new approach <sup>1</sup> to number	167
References	185
Index	190