

Contents

	PREFACE	<i>page</i> v
	HOW TO USE THIS BOOK	viii
Part I		
1	The Idea of Coordinates: Points on Lines	3
2	Lines through Points	9
3	The Idea of Gradient	12
4	Proving the Conjectures	19
	Questions (I)	23
Part II		
5	Mid-point, Lengths, and Right Angles	28
6	Locus	36
	Questions (II)	43
Part III		
	CONSOLIDATION EXERCISES	49
Part IV		
	BACKGROUND SECTION	54
	ANSWERS AND HINTS	70