

Contents

1	Introduction	1
1.1	Mathematical Goals	1
1.2	Didactic Notes	3
1.3	The Narrative Framework	5
Part I Tasks		7
2	Summation Made Easy	9
3	Payment Problems at the Kiosk	13
4	The First Encounter with Dwarf Dividus	17
5	Dwarf Minimus Is Not Nice at All	21
6	Dwarf Modulus Intervenes	25
7	Even More Calculations with Remainders	29
Part II Sample Solutions		33
8	Sample Solution for Chapter 2	35
9	Sample Solution for Chapter 3	39
10	Sample Solution for Chapter 4	43

11	Sample Solution for Chapter 5	47
12	Sample Solution for Chapter 6	55
13	Sample Solution for Chapter 7	57
	What You Learned from This <i>Essential</i>	63
	References	65