

CONTENTS

How to use this book *i ~ ii*

Unit 1	Directed numbers	p.1 ~ p.10
Unit 2	Introduction to algebra	p.11 ~ p.19
Unit 3	Patterns and sequences	p.20 ~ p.28
Unit 4	Operations of algebraic expressions	p.29 ~ p.35
Unit 5	Simple indices	p.36 ~ p.40
Unit 6	Linear equations (1)	p.41 ~ p.45
Unit 7	Linear equations (2)	p.46 ~ p.55
Unit 8	Percentages (1)	p.56 ~ p.68
Unit 9	Basic geometry	p.69 ~ p.76
Unit 10	Area and volume of simple figures	p.77 ~ p.91
Unit 11	Rate and ratio	p.92 ~ p.102
Unit 12	Introduction to statistics	p.103 ~ p.114
Unit 13	Symmetry and transformation	p.115 ~ p.125

Mathematics Exercises for Brilliancy Book 1

Unit 14	Introduction to coordinates	p.126 ~ p.132
Unit 15	Transformation in the coordinate plane	p.133 ~ p.143
Unit 16	Linear equations in two unknowns	p.144 ~ p.152
Unit 17	Congruent triangles (1)	p.153 ~ p.160
Unit 18	Similar triangles (1)	p.161 ~ p.168
	Answers	A1 ~ A44