

e work  
use his  
s there  
i.  
difficult  
diately.

## CONTENTS.

---

	PAGE
Definitions.....	10
Axioms .....	16
Exercises on Definitions, &c .....	17
Addition.....	22
Subtraction .....	25
Use of Brackets .....	27
Multiplication .....	33
Division .....	37
Division and Multiplication by detached coefficients .....	42
Synthetic Division.....	44
Theorems in Division and Multiplication .....	46
Factoring .....	51
Greatest Common Measure .....	57
Least Common Multiple.....	64
Fractions .....	66
Reduction of Fractions.....	68
Addition and Subtraction of Fractions.....	72
Multiplication of Fractions .....	73
Division of Fractions,.....	75
Reduction of Complex Fractions .....	76
Miscellaneous Theorems in Fractions.....	78
Simple Equations....	81
Problems in Simple Equations .....	89
Simultaneous Equations of two unknown quantities.....	100
Elimination by Addition or Subtraction.....	101
Elimination by Substitution .....	103