Preface

The Primary 4 Mathematics is specially written to cater to the needs of Primary 4 students. The topics are written based on the latest MOE syllabus.

In each topic, there is a variety of exercises to provide students with more practice. Each exercise consists of a variety of questions including fill in the blanks as well as problem sums.

Problem sums have been included to test student's knowledge of the concepts. Detailed worked solutions are provided to help students understand better as well as to assist parents in coaching their children.

Four separate authors have put in their time and effort, to come up with questions, each with their own unique approach.

Therefore, students can hope for a wide variety of questions, each with a different style.

There is no doubt that a book with all these qualities will be an excellent guide and we hope that students will take the exercises seriously to help them prepare for the examinations.

Contents

	Title	Page
UNIT 1	Numbers to 100 000 Place and Values Comparing Numbers Rounding and Estimation Word Problems	1
UNIT 2	 Multiplication and Division Factors and Multiples Multiplication by 1-digit, 2-digit Numbers Division by a 1-digit Number Word Problems 	15
UNIT 3	 Fractions Mixed Fractions Improper Fractions Comparing and Ordering Fractions Fractions of a Set Adding and Subtracting Fractions Word Problems 	34
UNIT 4	Symmetry • Symmetrical Figures • Drawing Symmetrical Figures	55
UNIT 5	Angles • Measuring Angles • Drawing Angles • The 8-point Compass	65

	Title	Page
UNIT 6	Geometrical Figures	77
	Squares and RectanglesDrawing Squares and Rectangles	
UNIT 7	Decimals (I)	88
	 Tenths Hundredths Thousandths Converting Decimals to Fractions Converting Fractions to Decimals Comparing and Ordering Decimals 	
UNIT 8	Decimals (II) (The Four Operations of Decimals)	114
	 Addition of Decimals Subtraction of Decimals Estimating and Rounding off Decimals Word Problems Multiplication of Decimals by a 1-digit Number Division of Decimals by a 1-digit Number Word Problems 	
UNIT 9	Area and Perimeter	141
	 Area and Perimeter of Squares and Rectangles Composite Figures Area of the Shaded Part	
UNIT 10	Tables and Graphs	161
	 Tables Bar Graphs Line Graphs	
UNIT 11	Time	176
	12-Hour Clock24-Hour ClockDurationWord Problems	
	Specimen Test Paper	189
	Worked Solutions	205

(b) 4232 4296 V 4360

Y=



Arrange the following numbers in ascending order.

- (a) 30 482 17 674 25 372 34 082
- **(b)** 47 362 29 564 32 685 47 032
- **(c)** 7849 7948 7498 7980
- **(d)** 10 112 11 201 10 211 10 121



Arrange the following numbers in descending order.

- (a) 1539 2436 3374 1938
- **(b)** 40 534 52 629 37 564 60 432
- (c) 80 352 82 350 35 820 58 302
- **(d)** 55 055 50 55 550 55 505



Find the common factors of the following sets of numbers.

(a) Factors of 12 - _____

Factors of 18 -

The common factors of 12 and 18 are .

(b) Factors of 15 -

Factors of 21 -

The common factors of 15 and 21 are ______

(c) Factors of 24 - _____

Factors of 36 -

The common factors of 24 and 36 are .

(d) Factors of 27 - _____

Factors of 63 -

The common factors of 27 and 63 are _____



Madam Tan bought 16 chocolates and 24 cookies. What is the maximum number of children she can give equal number of chocolates and cookies to?