Preface

Primary 5 Mastering Maths, is a series of six books. Topics covered in the book are in alignment with the latest upper Primary Mathematics syllabus by the Ministry of Education, Singapore.

This series is dedicated to help pupils develop mastery of mathematical concepts and applications. Each topic is designed to facilitate focus and targeted revision that develop exam readiness and confidence.

Special Features

✔ Topical Revision

Each topic consists of questions of varying levels of difficulty and are labelled as:

Beginner, **Intermediate**, **Advanced**

This scaffolding approach strengthens pupils' conceptual thinking and then progressively helps them to achieve mastery in higher level application questions. Additionally, it also caters to the needs of different learners.

✔ Take the Challenge!

Challenging questions deepen the understanding of mathematical concepts, thus enabling the development of mathematical reasoning and higher order thinking skills and gain confidence in using problem-solving strategies.

✔ More Challenging Problems

Real-world challenging problems encourage critical thinking and teach pupils to connect real-world situations to the abstract language of Mathematics.

✔ Mid-Year and End-Of-Year Revision

Mock exam papers help to provide a better perspective of what kind of questions will appear in exams and help in improving the score in competitive exams.

Why this Series?

This series is the best complement and supplement to the school text books and workbooks. The sequential learning of math concepts and skills provided by this series of books makes it a valuable resource for teachers, parents and tutors.

Contents

16 The estimated numbers have been rounded to the nearest ten. What are the smallest and greatest possible numbers they could have been?

	Estimated number	Smallest possible actual number	Greatest possible actual number
(a)	70		
(b)	390		
(c)	6000		
(d)	73 000		

17 The estimated numbers have been rounded to the nearest hundred. What are the smallest and greatest possible numbers they could have been?

	Estimated number	Smallest possible actual number	Greatest possible actual number
(a)	300		
(b)	7500		
(c)	10 000		
(d)	47 700		

18 The estimated numbers have been rounded to the nearest thousand. What are the smallest and greatest possible numbers they could have been?

	Estimated number	Smallest possible actual number	Greatest possible actual number
(a)	1000		
(b)	6000		
(c)	35 000		
(d)	91 000		

Whole Numbers 2

General Practice

1 Multiply.

(a) $26 \times 10 =$ _____

(b) $794 \times 10 =$ _____

(c) $1426 \times 10 =$ _____

(d) $7200 \times 50 =$ _____

(e) $3210 \times 40 =$ _____

(f) $624 \times 70 =$ _____

2 Multiply.

(a) $68 \times 100 =$ _____

(b) $404 \times 200 =$ _____

(c) $1536 \times 100 =$ _____

(d) $615 \times 300 =$ _____

(e) $1200 \times 700 =$ _____

(f) $3600 \times 600 =$ _____

3 Multiply.

(a) $54 \times 1000 =$ _____

(b) $49 \times 2000 =$ _____

(c) $531 \times 1000 =$ _____

(d) $610 \times 5000 =$ _____

(e) $105 \times 8000 =$ _____

(f) $960 \times 6000 =$ _____

4 Estimate the answer for each of the following.

(a) $36 \times 149 \approx$ _____

(b) $634 \times 790 \approx$ _____

(c) $3248 \times 519 \approx$ _____

(d) $62 \times 805 \approx$ _____

(e) $2417 \times 48 \approx$ _____

(f) $2903 \times 68 \approx$ _____

Word Problems

Solve the word problems.

1. A typist can type 495 words in 15 minutes. How many words can she type in 25 minutes?

2. Mrs Lim baked 256 tarts on Monday. She baked 76 fewer tarts on Monday than on Sunday. If she were to pack all the tarts into packets of 30, how many more tarts would she need to fill up the last packet?

3. Mr Tan had 18 boxes containing 36 chocolate bars each. He sold 162 chocolate bars and repacked the rest into 81 packets. How many chocolate bars did he put in each packet?

4. Elizabeth takes 35 days to write a book consisting of 630 pages.

   (a) If she writes the same number of pages each day, how many pages does she write in a day?