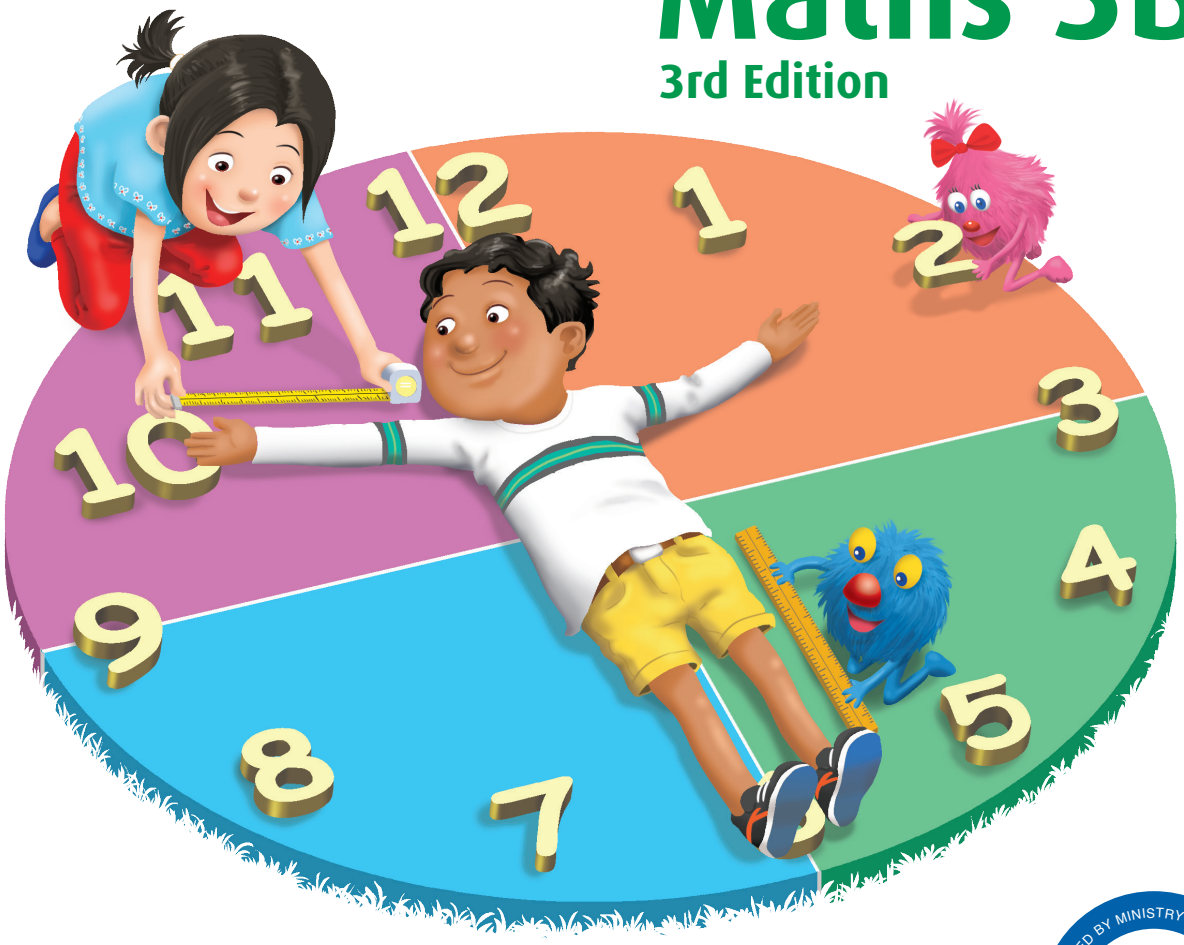
Pupil's Book

MY PALS ARE HERE!

Maths 3B

3rd Edition



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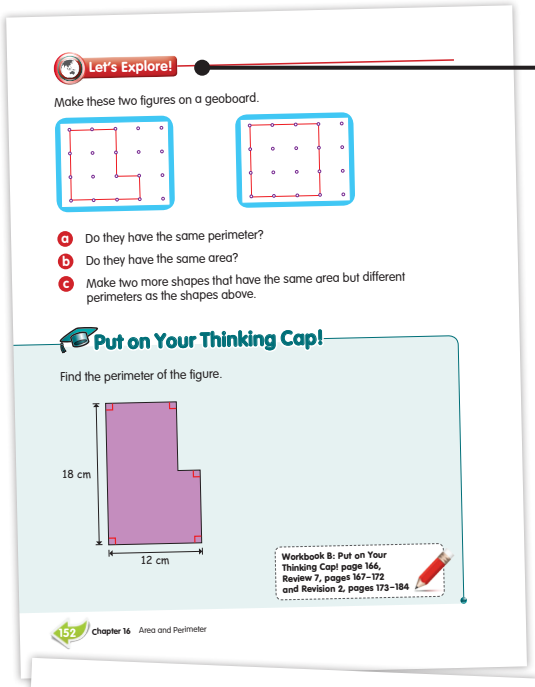
Marshall Cavendish Education

Preface

My Pals Are Here! Maths (3rd Edition) is a comprehensive, task-based and learner-centred programme designed to provide pupils with a solid foundation in mathematics and opportunities to become efficient problem solvers.

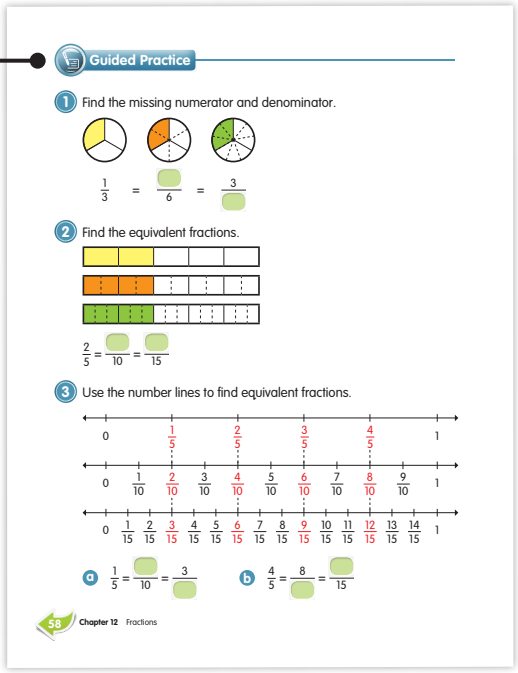
My Pals Are Here! Maths (3rd Edition) continues to make learning mathematics fun and rewarding through the use of engaging illustrations, photographs, hands-on activities, games and interactives that help reinforce and consolidate learning for pupils of different abilities.

For the Pupil:

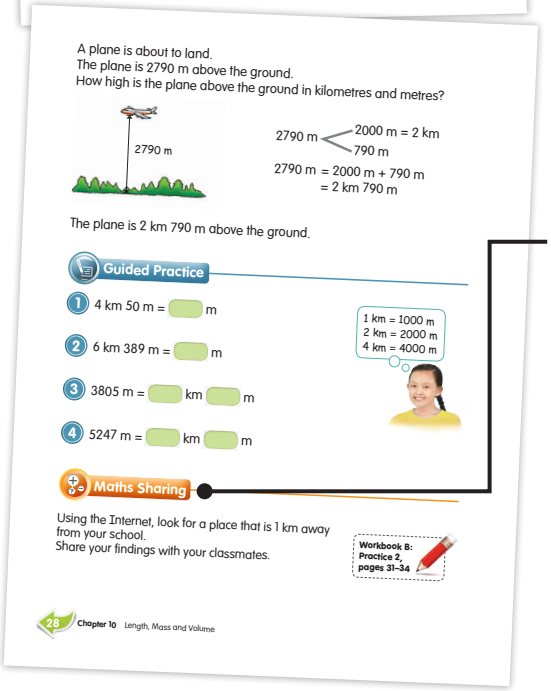


NEW!

Try practising new concepts learnt with help from your teacher in **Guided Practice**!



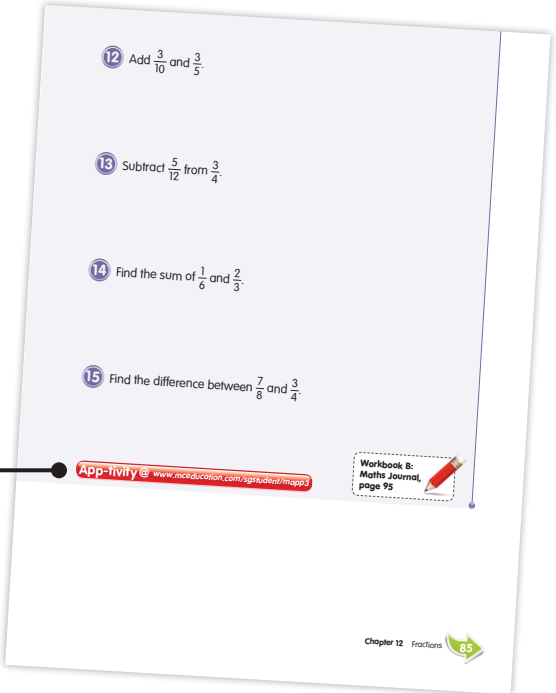
Perform investigative activities with **Let's Explore!**



Share your thoughts with your teachers, create your own mathematics questions and become aware of your own mathematical thinking in **Maths Sharing**!

NEW!

Master concepts learnt through engaging and interactive applets in **App-tivity**!



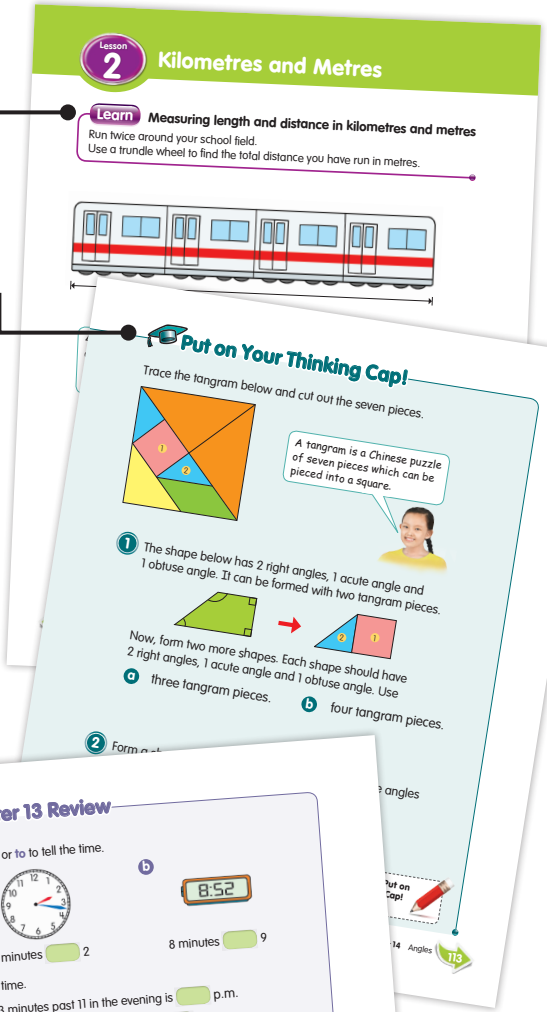
For the Teacher:

NEW!

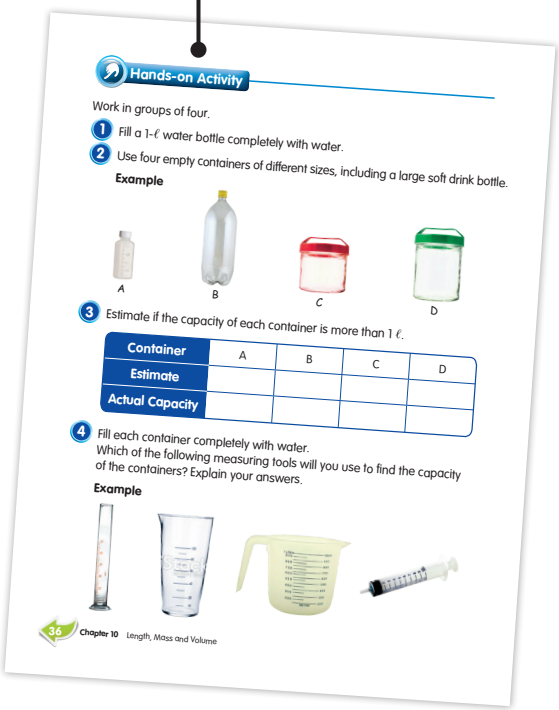
Use poems, stories and scenarios pupils can relate to in the chapter openers to capture their interest, provide an engaging introduction to the topics and jump-start learning.

NEW!

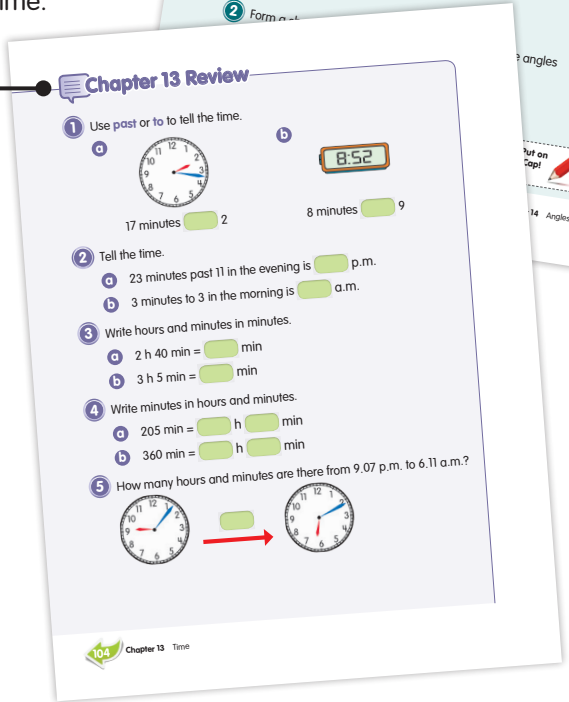
Introduce concepts through context-based tasks that involve the use of manipulatives and other concrete materials in **Learn**. At the end of each task, thought-provoking questions are posed to develop pupils' creative and critical thinking skills.



Challenge pupils to solve non-routine questions by applying relevant heuristics and thinking skills in **Put on Your Thinking Cap!**



Carry out **Hands-on Activity** to promote active and collaborative learning. Where possible, pupils will complete station-based activities in rotating groups to best utilise class time.



NEW!

Assess understanding when pupils apply concepts learnt in **Review**.

Enjoy learning mathematics with **My Pals Are Here! Maths (3rd Edition)**!

CONTENTS

CHAPTER 9

Money

Lessons

1. Addition of Money
2. Subtraction of Money
3. Word Problems

Big Idea

You can add and subtract money the same way you add and subtract whole numbers.

Lesson 1

Addition of Money

Learn Adding money

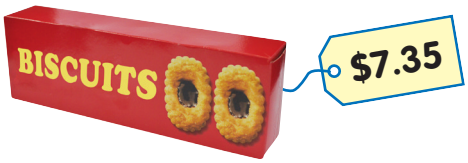
Tommy bought an eraser for 40¢ and a pencil for 60¢.

Use  to show how he paid for both items.

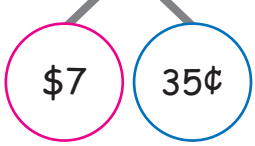
Kara had $1000.

Use  to show how many $100 notes she had.

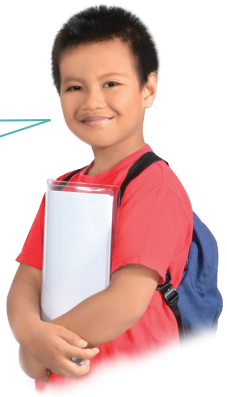
Recall



$7.35 = 7 dollars 35 cents
$7.35 = 735¢



The dot in $7.35 separates the dollars from the cents.



Gabriel had some coins,  .

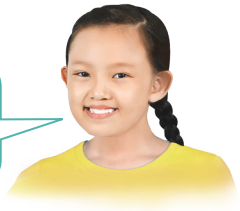
How much more must he have to make $1?

20¢ + 20¢ + 10¢ = 50¢
50¢ + 50¢ = 100¢
= $1

Ali came up with ways to make $1.

80¢ + 20¢ = $1
35¢ + 65¢ = $1
55¢ + 45¢ = $1

Think of other ways to make $1.



Mary bought a tin of sardines and a box of sweets.
How much did Mary spend altogether?

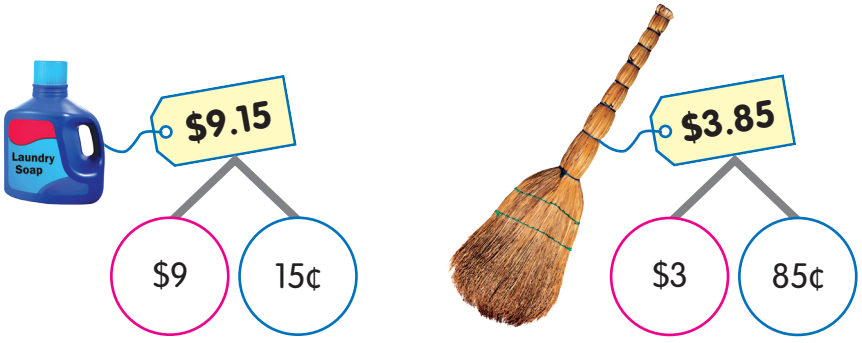
Step 1 Add the dollars.
$3 + $1 = $4

Step 2 Add the cents.
20¢ + 55¢ = 75¢

Step 3 Add the dollars and cents.
$4 + 75¢ = $4.75

$3.20 + $1.55 = $4.75
Mary spent $4.75 altogether.

Mrs Leong bought a bottle of detergent and a broom.
How much did both items cost altogether?

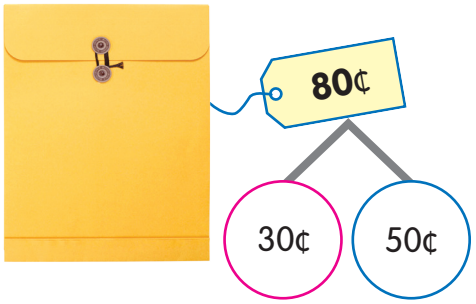


Step 1 Make a dollar.
85¢ + 15¢ = $1

Step 2 Add the dollars.
$9 + $3 + $1 = $13

$9.15 + $3.85 = $13
Both items cost $13 altogether.

Kaiting bought a book and a paper envelope.
How much did both items cost altogether?



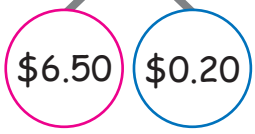
Step 1 Make whole dollars.
$6.70 + 30¢ = $7

Step 2 $7 + 50¢ = $7.50

$6.70 + $0.80 = $7.50

Both items cost $7.50 altogether.

We can also add this way.
$6.70 + $0.80 = $6.50 + $1
= $7.50



How much do both items cost altogether?

We can also find the total cost this way.
$15.80 + $8 = $23.80
$23.80 – $0.05 = $23.75
So, $15.80 + $7.95 = $23.75.

Step 1 $7.95 + 5¢ = $8

Step 2 $15.75 + $8 = $23.75

Both items cost $23.75 altogether.

$7.95 = $8 – 5¢

How much do both items cost altogether?

$7.75

$2.20

Adding dollars and cents is like adding whole numbers.

$$\begin{array}{r} 7\ 7\ 5 \\ +\ 2\ 2\ 0 \\ \hline 9\ 9\ 5 \end{array}$$

$$\begin{array}{r} \$\ 7\ .\ 7\ 5 \\ +\ \$\ 2\ .\ 2\ 0 \\ \hline \$\ 9\ .\ 9\ 5 \end{array}$$

Align the dots before adding.

$7.75 + $2.20 = $9.95

Both items cost $9.95 altogether.

How much do both items cost altogether?

$16.25

$29.95

$$\begin{array}{r} {\scriptstyle 1\ \ 1\ \ \ 1} \\ \$\ 1\ 6\ .\ 2\ 5 \\ +\ \$\ 2\ 9\ .\ 9\ 5 \\ \hline \$\ 4\ 6\ .\ 2\ 0 \end{array}$$

Align the dots before adding. Adding dollars and cents is like adding whole numbers.

Both items cost $46.20 altogether.