

TABLE OF CONTENTS

ACTIVITY	Page	ACTIVITY	Page
Let's Go a Few Rounds	2	Funny Fractions	20
Speaking of Numbers	3	Triangle Geography	21
Skill Builders 1	4	Skill Builders 4	22
Everything in Place	5	That's a Wrap	23
Number-Speak	6	Griddy.....	24
Evens, Odds, and Places	7	Circle Circus	25
'Domination'	8	Scale Skill	26
Number Tricks	9	Bull's-eye	27
Skill Builders 2	10	Skill Builders 5	28
Tourney Time	11	Mix and Match.....	29
Does It Add Up?.....	12	Spinner	30
Willoughby's Falls.....	13	The Ins and Outs	31
Money Movers	14	The Starting Lineups	32
Your Time Isn't Up	15	Can You Feel the Heat?	33
Skill Builders 3	16	Skill Builders 6	34
Rule It Out	17	'Cereous' Information	35
A Capacity for Problem Solving	18	Mayan Maths	36
Hefty Totals	19	The Importance of Learning	37

Dear Student,

Welcome to *AfterMaths*[™], a program that allows you to explore mathematics. Inside this book are 36 activities. In these activities, you will play maths games, conduct experiments, solve problems, and perform 'maths magic.'

AfterMaths is designed to allow you to work alone, with a partner, or in a small group. You will try a variety of activities. By doing these activities, you will develop your maths skills and look at maths in new ways. You also will find that maths is part of your everyday life.

Some activities use skills that you already know. Other activities add to known skills. Still other activities provide challenges. The goal is always to have fun and to learn at the same time.

A famous man named Galileo once said that mathematics is the alphabet in which the universe was created. So, enjoy the activities and begin learning that 'alphabet.'

You may want to have materials such as the following on hand: pencils and erasers, scratch paper, a calculator and a ruler.

This *AfterMaths* book was prepared for students by Christopher Forest.

Designed by Jamie Ruh.

HAWKER BROWNLOW
E D U C A T I O N

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LET'S GO A FEW ROUNDS

1. Round each of the numbers in the first column to: the thousands place (Column A), the ten-thousands place (Column B), and the hundred-thousands place (Column C).

	NUMBER	A	B	C
		ROUNDED TO THE THOUSANDS PLACE	ROUNDED TO THE TEN-THOUSANDS PLACE	ROUNDED TO THE HUNDRED-THOUSANDS PLACE
1.	189,217			
2.	246,709			
3.	314,289			
4.	75,216			
5.	905,213			
6.	678,217			
7.	8,124,214			
8.	956,212			
9.	600,956			
10.	189,717			

Taking a Closer Look

1. Circle the largest number in each row (1–10) in the chart above.
 2. Tell the number of times that each column (A, B, or C) has the largest number.

Column A (the thousands place) _____

Column B (the ten-thousands place) _____

Column C (the hundred-thousands place) _____

3. The number 956,212 rounded to the hundred-thousands place is equal to the sum of five of the rounded numbers in Column C. What are the five numbers?

4. Round 678,217 to the ten thousands place. _____

Now write three other numbers that equal that same number when rounded to the ten thousands place. _____