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# Extension Math Series

## Book 2

Extending and consolidating student skills in the areas of number, measurement, space and problem solving.

Activities designed for students working at Primary Level.

**For grades 2-3**

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# Introduction

The **Extension Math** series was first published as the “Top-Up Series” in 1995. The series is designed to provide extension and enrichment for early finishing or advanced primary level children – to extend their skills in mathematics.

This updated book, **Extension Math Book 2**, contains a range of extension activities that will prove both stimulating and challenging for young mathematicians.

The book concentrates on providing a variety of number related skills which will greatly assist young children in the development and extension of their numeracy abilities. Amongst these skills are:

- \* Use of addition, subtraction, multiplication and division operations to complete number equations;
- \* Representing number sentences pictorially, using addition, subtraction and multiplication;
- \* Calculating change and identifying amounts of money;
- \* Identifying and counting 2D shapes;
- \* Carrying out repeated addition of whole numbers in order to solve a problem;
- \* Reading and drawing the correct times on analog clocks;
- \* Completing problems using grids;
- \* Reading and interpreting a simple bar graph.

Related Standard: Students use addition, subtraction, multiplication and division operations to complete number equations.

Name .....

## Eleven

Fill in the boxes with number sentences equal to 11.

Try to use +, -, ÷ and x.

Some examples have been given.



$\times$ $\div$ $+$ $-$	11	$\times$ $\div$ $+$ $-$
$22 \square 2 = \underline{\quad}$		$1 \square 11 = \underline{\quad}$

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Name .....

Related Standard: Students represent number sentences pictorially, using addition, subtraction and multiplication.

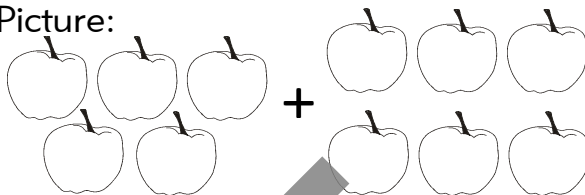
# Eleven: Number Sentences

Solve the following number sentences. Draw pictures to show how you got your answers.

One has been done for you. 

Sentence:  $5 + 6 = \underline{11}$

Picture:



Sentence:  $7 + 4 = \underline{\quad}$

Picture:

Sentence:  $7 + 2 + 2 = \underline{\quad}$

Picture:

Sentence:  $11 - 2 - 4 = \underline{\quad}$

Picture:

Sentence:  $15 - 7 + 3 = \underline{\quad}$

Picture:

Sentence:  $2 + 3 + 4 + 2 = \underline{\quad}$

Picture:

Sentence:  $4 \times 5 - 9 = \underline{\quad}$

Picture:

Sentence:  $3 \times \square + 5 = 11$

Picture:

Sentence:  $\square + \square = \underline{\quad}$

Picture: