

# Introduction

The **Schofield & Sims Maths Practice Year 6 Question Book** uses step-by-step practice to develop children's understanding of key mathematical concepts. It covers every Year 6 objective in the 2014 National Curriculum programme of study.

## The structure

This book is split into units, which are based on the key areas of the maths curriculum for Year 6. These are:

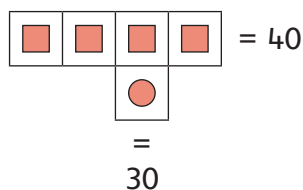
- Number and place value
- Fractions, decimals and percentages
- Algebra
- Geometry
- Calculation
- Ratio and proportion
- Measurement
- Statistics.

Each double-page spread follows a consistent 'Practise', 'Extend' and 'Apply' sequence designed to deepen and reinforce learning. Each objective also includes a 'Remember' box that reminds children of the key information needed to help answer the questions.

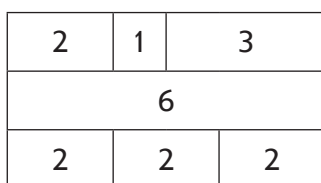
At the back of the book, there is a 'Final practice' section. Here, mixed questions are used to check children's understanding of the knowledge and skills acquired throughout the book and identify any areas that need to be revisited.

## A mastery approach

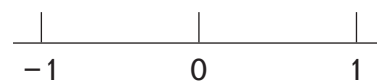
The **Primary Practice Maths** series follows a knowledge-based mastery approach. Children deepen their learning by applying and representing their knowledge and skills in multiple ways. This approach reinforces number concepts, nurtures fluency and strengthens both reasoning and problem-solving skills. Integral to this approach is the use of visual representations of mathematical concepts. Some of the most common visual representations used in this book are:



algebraic shapes



bar model



number line

## Assessment and checking progress

A 'Final practice' section is provided at the end of this book to check progress against the Year 6 maths objectives. Children are given a target time of 1 hour to complete this section, which is marked out of 60. Once complete, it enables them to assess their new knowledge and skills independently and to see the areas where they might need more practice.

## Online answers

Answers for every question in the book are available to download from the **Schofield & Sims** website. The answers are accompanied by detailed explanations where helpful. There is also a progress chart, allowing children to track their learning as they complete each set of questions, and an editable certificate.