

Welcome to this book

This book contains puzzles that are to do with numbers. In some of the puzzles you use maths skills to reach a solution – for example, you might need to add, subtract, multiply or divide. In all the puzzles you use logic.

Logic is a special way of thinking, and using logic is like being a detective. You think about the facts that you know. Then you work out how you can use these facts to find out things that you do not know.

Making a start

You will enjoy this book best if you work through it in order, starting on page 4 with the easiest puzzles.

Are you wondering how you will solve your first puzzle? Don't worry – the book will show you how.



At the start of the book, and whenever a new puzzle type is introduced, you are given examples to help you understand what to do.



If you get stuck, look for this symbol and the information in the boxes should help you to complete the puzzles.

When you have completed a puzzle, check if your solution is right. The correct solutions are at the back of the book (pages 42 to 48). Then go on to the next puzzle. As you work through the book, you will find that the puzzles gradually get more complicated, and the ones at the end are fiendish!

Now it's time to begin the fun – so turn to page 4 and start!

Things you will need when solving these puzzles

- A sharp pencil and an eraser.
- Rough paper might sometimes be useful. If you jot down what you try, and whether it works or not, you may spot a pattern!
- A calculator, if you have one. Use it where you see this symbol:



Ideas for later

When you have solved all the puzzles in this book, why not make up some number puzzles of your own? You could try them out on your friends and family.

You may also enjoy the **Schofield & Sims Word Puzzles**, available separately. This book contains puzzles to do with letters and words instead of numbers. Details are provided on the back cover.