

# CONTENTS

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## SECTION 1

**Tests 1 to 12** (including revision of **Mental Arithmetic 1**) **4**

**Number: number and place value** recognise the place value of each digit in a three-digit number (hundreds, tens and ones), including reading, writing and sequencing numbers, using H,T,U notation and partitioning, order and compare numbers, round any number to the nearest 10, read Roman numerals to 20; **addition and subtraction** add and subtract numbers with up to 3 digits, solve addition and subtraction problems in contexts, decide which operations and methods to use and why; **multiplication and division** recall multiplication and division facts for multiplication tables up to  $10 \times 12$  (2, 3, 4, 5, 6, 8, 10), use place value, known and derived facts to multiply and divide mentally, solve problems involving multiplying and adding; **fractions (including decimals)** solve problems involving fractions to calculate quantities, and fractions to divide quantities, compare numbers with the same number of decimal places with one decimal place, solve simple measure and money problems involving fractions and decimals to two decimal places

**Measurement:** calculate with different measures, including money in pounds and pence, read, write and convert time between analogue and digital 12-hour clocks, solve problems involving converting from hours to minutes; minutes to seconds; weeks to days

**Geometry: properties of shapes** compare and classify geometric shapes, based on properties and sizes

**Progress Test 1** **16**

## SECTION 2

**Tests 1 to 12** (including revision of Section 1) **18**

**Number: number and place value** recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones), order and compare numbers beyond 1000; **multiplication and division** recall multiplication and division facts for multiplication tables up to  $10 \times 12$  (6, 7, 8, 9); **fractions (including decimals)** recognise common equivalent fractions, compare numbers with the same number of decimal places with one decimal place, solve simple measure and money problems involving fractions and decimals

**Measurement:** convert between units of measurement, including units of length, mass and capacity, solve problems involving converting from years to months

**Geometry: properties of shapes** identify acute and obtuse angles and compare and order angles up to two right angles by size; **position and direction** describe positions on a 2-D grid as coordinates in the first quadrant, plot specified points and draw sides to complete a given polygon

**Statistics:** solve comparison, sum and difference problems using information in tables

**Progress Test 2** **30**

## SECTION 3

**Tests 1 to 12** (including revision of Sections 1 and 2) **32**

**Number: number and place value** read Roman numerals to 100 (I to C), round any number to the nearest 100, identify, represent and estimate numbers using different representations; **multiplication and division** recall multiplication and division facts for multiplication tables up to  $12 \times 12$ ; **fractions (including decimals)** add and subtract fractions with the same denominator, recognise, write and order fractions and decimals, solve simple measure and money problems involving fractions and decimals to two decimal places

**Measurement:** solve problems involving mass, capacity and time

**Geometry: properties of shapes** compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes

**Statistics:** solve comparison, sum and difference problems using information in tables

## CHECK-UP TESTS

**Number** **44**

**Measurement** **46**