Contents

Number and place value	
Numbers up to 1,000,000 Counting in steps up to 1,000,000 Positive and negative numbers Rounding numbers Roman numerals	8 10 12
Calculations	
Mental methods for adding and subtracting Adding large numbers Subtracting large numbers Multiples and factors Prime numbers Multiplying large numbers Dividing large numbers Mental methods for multiplying and dividing Square numbers and cube numbers Multiplying and dividing by 10, 100 and 1000 Scaling and rates Using all four operations	
Fractions, decimals and percentages	
Comparing and ordering fractions Tricky fractions Adding and subtracting fractions Multiplying fractions and whole numbers Converting simple decimals and fractions Decimal fractions Numbers with three decimal places Rounding decimals Simple percentages	38 40 42 44 46 48 50

How to use this book _____5



Contents

Measurement

Length and distance	54
Perimeter	56
Area	58
Mass, capacity and volume	60
Time	62
Money	64
Geometry	
Angle facts	66
Rotating angles	68
2D shapes	70
3D shapes	72
Reflecting and translating shapes	74
Statistics	
Line graphs	76
Tables and timetables	78
Multiplication table	80

