

CONTENTS

	<i>Page</i>
Unit 1	
1.1 Whole number arithmetic	1
1.2 Long multiplication and division	14
1.3 Decimals	18
1.4 Using a calculator	34
1.5 Sequences	45
1.6 Perimeter and area	51
Unit 1 Mixed review	62
Unit 2	
2.1 Averages and range	72
2.2 Fractions	81
2.3 Fractions, decimals, percentages	89
2.4 Angles	96
2.5 Rules of algebra	109
Unit 2 Mixed review	123
Unit 3	
3.1 Coordinates	134
3.2 Long multiplication and division 2	140
3.3 Decimals 2	142
3.4 Properties of numbers	146
3.5 Straight line graphs	159
3.6 Handling data	165
3.7 Probability 1	179
3.8 Applying mathematics in a range of contexts	189
Unit 3 Mixed review	197
Unit 4	
4.1 Constructing triangles	207
4.2 Two dimensional shapes	211
4.3 Percentages	217
4.4 Proportion and ratio	225
4.5 Negative numbers	231
4.6 More algebra	235
Unit 4 Mixed review	247
Unit 5	
5.1 Rotation	255
5.2 Line symmetry	259
5.3 Translation	266
5.4 Number review	269
5.5 Probability 2	275
5.6 Interpreting graphs	283
5.7 Rounding numbers	290
5.8 Circles	297
Unit 5 Mixed review	303
Unit 6	
6.1 More equations	313
6.2 Sequence rules	315
6.3 Metric and imperial units	321
6.4 Angles and constructions	328
6.5 Three dimensional objects	334
Unit 6 Mixed review	340