

Contents

About this Workbook

How to use example-problem pairs

4

5

Chapter 1

- 1.1 Rounding to decimal places 6
- 1.2 Rounding to significant figures 9
- 1.3 Estimation 12

Chapter 2

- 2.1 Solutions to linear equations 17
- 2.2 One-step linear equations 23
- 2.3 Two-step linear equations 27
- 2.4 Linear equations with brackets and fractions 34

Chapter 3

- 3.1 Features of sequences 40
- 3.2 Arithmetic sequences 45

Chapter 4

- 4.1 Connecting coordinates, equations, and graphs 51
- 4.2 Linear relationships 56

Chapter 5

- 5.1 Percentages 72
- 5.2 Proportionality 80

Chapter 6

- 6.1 Representing data 89
- 6.2 Pie charts 103
- 6.3 Measures of average and spread of data 109
- 6.4 Analysing and comparing data 121

Chapter 7

- 7.1 Perimeter 134
- 7.2 Area 138
- 7.3 Surface area 142
- 7.4 Volume 152

Chapter 8

- 8.1 Symmetry 157
- 8.2 Angle properties 161
- 8.3 Angle properties of polygons 168
- 8.4 Problem-solving with angles 174

Chapter 9

- 9.1 Constructions using circles 178
- 9.2 Constructions using rhombuses 193

Answers

- Example-problem pairs: Your turn! 203
- Fluency questions 222